

L.S.M. Sept 21/86

FROLEK. CATTLE CO

PARKED TRUCK ON ROAD 1/4 mi FROM WESTING
AREA ON S SIDE HIGHWAY 5.

WALKED TO PROPERTY

LOCATED CLAIM POST J DE CARTER

MICRO GOLD

M 522

Field Notes

Sept 20-25

PROPERTY EXAMINATION

L. Dekker

D. Shaw.

841515

SEPT 21.

AM WENT TO MERRITT GOLD COMMISSINER
TO KAMPLOOPS GOLD COMMISS,OWER
CHECK IN COLONIAL INN KAMPLOOPS
P.M OUT IN FIELD.

WENT OVER OUTCROP ON HILL TO DO FIRST PASS

SEPT. 22

AM. TO STUMP LAKE.

PARK TRUCK N END ALONG LAKE → BOAT LANDING

WALK UP TO OUTCROP ON N. SIDE PROPERTY
100 YDS FROM CLAIM FENCE

MG 82-1

GREENSTONES EXCN, FAIRLY MASSIVE BROWNISH GREY
WEATHERING SURFACE DK APPROX 75% IN CONTACT
GREENISH BROWN MASS. OF MOSTLY FELDSPAR
MARTITIC & MANGANESE OXIDES IN PLACES
1 CRAB SAMPLE CONSISTING OF FOUR PIECES

MG 82-2

Joe Shaw's notes

MG 82-3

Walked thru intrusives. No quartz veins.
Walked thru depression possible fault zone.
Outcrops in depression with MG 82-3 grey & brown
weathering chalcocane silicea w/ purple/gn porphyry
, rare porphyrite. Vaguely rounded texture. High hematitic
Grab sample

Outcrop ~ 8m wide 6m long. Need funding for good sample

MG 82-4

- On tip of "island" banded greenstone finexln.
- 10cm thick bed of calcified banded and laminated possible tuff.
- 340°/52 E bedding.
- No quartz veining noticed.
- Simple greenstone + laminated ? tuff.

MG 82-5 CLAIM POST LOCATION OF:

TAG } ~~443029 M~~
FINAL POST N^o 2
CLAIM NAME ALNO 11
LOCATOR S. DAVIS
DATE MAY 8 173

TAG } 443028 M
FINAL POST N^o 2
CLAIM NAME ALNO 12
LOCATOR S. DAVIS
DATE MAY 8 173

BOTH TAGS ON ONE SIDE POST
THAT HAS FALLEN
NEXT TO FENCE.

OTHER SIDE POST

TAG 443030 M
FINAL POST N^o 1
CLAIM NAME ALNO 13
LOCATOR S. DAVIS

INFO ON BOTTOM TAG SCRATCHED ILLEGIBLE

QUARTZ & CHALCEDONY BEDS (VEINS?) CONSISTING OF ALTERNATING
CREAM & DK GREY BEDS OF QUARTZ WITH IN PLACES
BOXWORK TEXTURES, SOME VERY FINELY DISSEMINATED
PYRITE.

OUTCROP EXTENDS ALONG LARGE OTHER BEDS
INCLUDE V. CR. FRAGMENTAL BRECCIA WITH MANY
OTHERS GAMBOL WHITE FRAGMENTS UP TO FOOT HALL JIL
OUTCROP AT LEAST 500' BY 50 YDS. ↓

NO. 322

Keep the Rain
WEATHERPROOF

J. L. DANLINO CORP.
TACOMA, WASH. U.S.A.



MG 82-6 DAVE SHAW MEASUREMENTS

LAKE \approx 40m WIDE.

SILICIFICATION EXTENDS ALONG W. SIDE OF LAKE

FOR AT LEAST 100m.

MG 82-7

$345^{\circ} - 15^{\circ}$

OUTCROP IN HILL SIDE OF \approx 1m THICK BEDDED QUARTZ

CLEAR/WHITE w/ THIN DARKER GREY BANDS.

BROWN WEATHERING w/ BOX WORK TEXTURE.

1 SAMPLE.

OUTCROP 15m LONG STRIKE, INTERMITTENT.

MG 82-8

OUTCROP, SMALL, RUSTY QUARTZ $155/25$ SW
IN HILL SIDE

MG 82-9

TWO DIRECTIONS OF FAULTING ON W SIDE LAKE

SEE J-HAW $070/50$ MAIN FAULT ALONG LAKE?

MG 82-10

RED BIRD FLUORITE PIT

ONE PROMINENT DIRECTION $80/45^{\circ}$
V.F. XLN GREENSTONE FLUORITE FOLLOWS FRACTURE PATTERN
OCCASIONALLY A BIT OF PIRITE.

1 SAMPLE

VNS THIN MOSTLY 10 TO A FEW CM
FLUORITE AS ENCRUSTATIONS IN FRACTURES
SMEARING w/ SILICA AS WELL.

MG 82-11

248° / 70° NW

SMALL PIT & TRENCH

FRAGGING TAPE W. N^o 73456

BANDED QUARTZ WHITE & LIGHT GREY 2 m. WIDE ± ZONE
IN GREENSTONE SILICIFIED BRECCIATED
W. VNS OF 20 & 30 cm

RUSTY BROWN & BLACK COATINGS OF Fe & Mn ON VNS.

SEPT 23/82

Phoned office Ann, John Steele
Sandspit Earl, Jeff message.
Pat. at home,

Went to Mining Recorder. to checkout claims

On Alno claims no assessment filed
On previous Cal claims no assessment filed

Took road out to Shump Lake ~~camp~~ picnic area
along lake. No car parked on MG property

Turn back onto dirt road to Anderson Lake.
end up behind Kullagh Lake. Park in grave along
dirt road.

MG 82-12

Outcrop of m Xln to fine Xln. greenstone, very
hematitic. Measure 340° / in creek. Strike of fault.
75 W.

Several outcrops / No quartz.

≈ 030 / 20° E plane in cleft

WALK TO LAKE / SHE FLOAT QUARTZ. THEN TO LAKE W. END

355 / 45° E → } BEDDING?
2 DIRECTIONS IN GREENSTONE
205 / 48° W | }

OTHER GOOD DIRECTION (BEDDING?)

315° / 45° E IN DIFFERENT LOCATION

ALSO 230 / 15 SE

PROSPECTED IN GNST. AT NW TIP OF LAKE.

NO QUARTZ.

M682-13

ON LAKE SHORE

GNST. N/ STRONG LAMINATION

$90^{\circ}/85^{\circ}S$ - STRONG FRACTURING

$330^{\circ}/62^{\circ}E$. NOT SO STRONG LAMINATION.

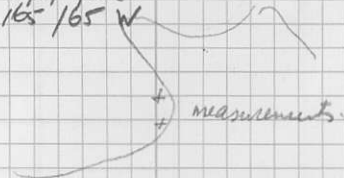
SHAW MEASURED 100 M FURTHER

DIPPING
2 MAJOR

045/65 SE

070/70 SE

165/65 W



GREENSTONES INTERBEDDED WITH LAMINATED (ORCELATED)
SILICEOUS SANDING

OUTCROP HIGHLY FRACTURED POSSIBLY ADJACENT TO
FAULT ZONE.

2 SAMPLES / 82-13 A . SILICEOUS GREENSTONE

82-13 B . GREENSTONE (SL. BLEACHED?)

WALK ALONG LAKE SHORE THRU MOSTLY GREENSTONES

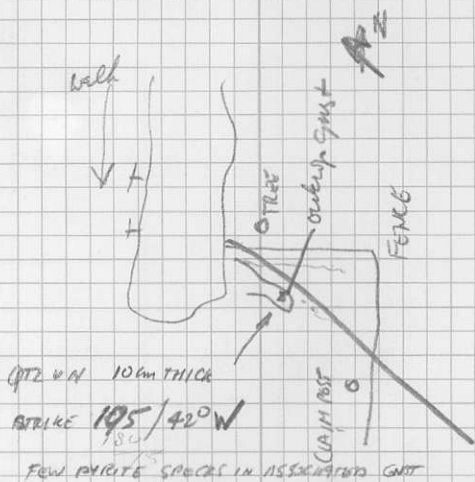
M682-14 025/45 QTL BED 15cm THICK. LAMINATED

012/45 GNST

325/37° QTL VIB LAMINATED 15cm VIB OF
QTL A FEW METERS HIGHER
IN STRATIGRAPHY

TO END OF LAKE

QTL VMS DIPPING INTO LAKE



WHERE FENCE ENDS AT LAKE

GRAY MASSIVE QUARTZ RIBBONS W/ 1 cm THICK VMS OF QTL

AND AT LEAST 30 cm THICK 210°/30° W.

ON S SIDE FENCE ALONG LAKE SHORE

OUTCROP OF LAMINATED WHITE, GRAY & RED LAMINATED
JASPERITE LAYERS BROKEN UP IN PLACES

LARGE FRAGMENTS ENCLOSED OF GRANODIORITE
GREENSTONE ETC.

OVERLAIN BY GREENSTONE, ~~OR~~ INTENSELY SILICIFIED
SAME LOCATION AS 116 82-5

ALSO GRANODIORITE FRAGMENTS
VERY FLAT IN TOWARDS LAKE.

GNSF SAMPLE SA BX GREENSTONE.

SB GRANODIORITE FRAGMENT.

ON OTHER SIDE POND IN HILL

GRANITE, FAIRLY WELL PRESERVED

QTL VMS 340°/10°. UP TO 20 cm.

SM CAVITIES W/ XL INFILL.

SOIL SAMPLE 11682-SS A east side lake

30cm deep B not present Bottom A? Top C
ROCKS

FRAGMENTS WELL ROUNDISED AS WELL AS VERY ANGULAR.

M6 S S B

ON W side lake in grassy slope

DARK BLACK SOIL 30 cm. deep. AT BOTTOM

ROOT ZONE NO SOIL B DEVELOPMENT

GO INTO LIGHTER C?

walk out west

M6 82-15

315-58°

070-62°

} TWO STRONG DIRECTIONS IN GREENSTONES

Walked thru bush to N end fence to lake
Then up hill in grass. measure 325°/60° prominent
fracture direction

47°/30° FURTHER ON E SIDE HILL GOING NORTH

POSSIBLE DIP SLOPE? IN GRASS.

ALSO PATTERN OF FRACTURES 350 AND 85° FOR
DIRECTIONS.

100 m FURTHER ALONG HILL SIDE

205°/45° TOWARDS VALLEY E DIP STRONGLY DEVELOPED

9°/82° S STRONG DIRECTION.

MASSIVE GREENSTONES

208°/75° E another strong pattern.

MG 82-16

WALKED TO GWT OUTCROP

340°

295° ~~340°~~ / 90°

070 / 80° E

070 / 20° E (LAYERING?)

HEMATIZED GREENSTONE

no quartz

MG 82-16 S

soil sample
no rusty tone, black soil only
about 2cm deep

MG 82-16

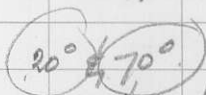
Rock sample of quartzite
on top rock

2. LINEATIONS

FRACTURE PATTERNS

350°

not prominent.



100m wide & 200 long. app.
3m on east side incl. silicate layered.
dipping into lake on both sides 30m
large fragments of gneissite, ^{wide}
mafic schist etc. angular & rounded
floating in silica & mixed w/ gneiss.
pyrite rare to non-existent
silica w. fluor.

Along strike 800m NNE hill top mety 200

Silica seams in fault zones hardly exposed.

No alteration except chloritization.

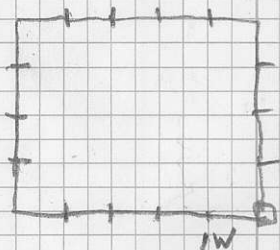
To east no quartz. To west
fault boundary. no quartz was

some claims staked before 1973

Phoned Earl P.M. and suggested staking north
of MG block.

September 27

Earl called 9 A.M. and instructed to stake
20 units SEW / 4 NS. north of merged
claims.



TRGNO 85907

14.2x4

4 4x4

START LEGAL CORNER POST IN
AT 13.00 HRS

1W 1.20 HRS.

2W 2.00 HRS PM.

3W 2.55 HRS

5W LEGAL SW CORNER POST 4.30

CUT POPLAR TREE
ON CRIST SMALL HILL STAND OF
POPLARS.

1M5W 5.30 in slope - grassy
along side hole

SEPTEMBER 25

START ON DIRT ROAD TO FINISH W BOUNDARY

ERECT NW POST IN SMALL GROVE OF
TREES NEAR FIELD ON EAST SIDE

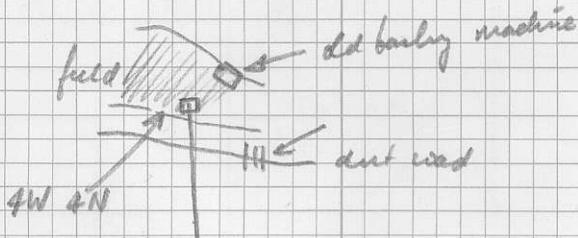
BLAZE & MARK TREES AROUND POST.

11.40 A.M.

12.20 ERECT POST 4N & W.

at edge of field

crossed road at 45° 30m N of cattle gate
post at edge of field where old barley machine



1.00 erect post 3W & N

at SE corner of small lake
in amongst dead fall

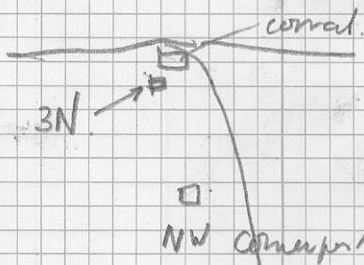
2W4N

Post ^{one E} ON E side up slope of lake In at 1:30 pm

1W4N 1W4N
in grassy hill 2:00 pm

NE corner post erected 460m E of
NS DIRT ROAD. 2:40 PM 20m up from
grove of trees.

POST 3N 3:20 Walked thru field



POST 2N 3:40 pm

In field going up slope went thru
small grove with w/ marshy ground.

POST 1N tied against fir tree of 40cm
thick
along W side near valley. 4:06

COMPLETED STRINGS AT 16:50 PM

ended up along hill towards
valley High up.

Marked rocks with red paint
We are a bit too far over to east.

No 82-18 Sample given by prospector
to East from top of hill near
small lake.

mi
~~~~~  
~~~~~

DEREK BROWN

DIRT BAGS

COLOUR: 1 RED, BROWN (YELLOW-ORANGE)
(CLR) 2 WHITE, BUFF
3 BLACK
4 GREEN
5 GREY, BLUE GREY

TEXTURE: 1 FINE CLAY
(TEX) 2 SANDY CLAY
3 MEDIUM SAND
4 PEBBLY SAND
5 COARSE PEBBLES

SLOPE: - NO BREAK IN SLOPE
(SLP) 1 BREAK IN SLOPE

HORIZON: 1 A-HORIZON (ORGANIC) } COMMENT: GOSSAN SEED(?)
(HRN) 2 B-HORIZON (RED)
3 C-HORIZON (BEDROCK SOIL)
4 TALUS FINES

ORGANICS: - NO ORGANICS
(ORG) 1 LOW ORGANICS
2 HIGH ORGANICS

PHYSIOGRAPHY: 1 PLAIN
(PHY) 2 GENTLE SLOPE
3 HILLY - ROLLING
4 MOUNTAINOUS - MATURE
5 MOUNTAINOUS - RUGGED

FRI., OCT. 29/82

STUMP LAKE

WEATHER: SUNNY & COOL

Δ MGS2-100

- isolated \approx 20 m long X 8 m wide
- foliated Nicola gst
 - partially silicified gst with white qtz lenses + stringers

- "shear" foliation:

\approx 45/75 NW ↗

strike of

- foliation \approx // to linear valley

MGS2-100 grab sample

- partially silicified gst with qtz stringers
- angular vugs lined with qtz
- dark green, fgs in

- white qtz vein truncates steeply dipping gst foliation



- qtz vein attitude:

025/25 SE



M653-101 grab sample

- white qtz vein

- exposed on an erosional surface

- ~~matrix~~ rusty brown

- fgs to chaledonic

- thinly laminated locally

- 3cm thick vein

- shallow dipping vein

Δ MGS2-102:

- white milky qtz veins, in brown, weakly altered gst
- veins up to 10cm thick
- gst is clay altered & limonitic

M52-102

- qtz vein, 10 cm thick
- milky, fgs & finely laminated chalcidony
- no other min. visible
- steeply dipping vein

vein attitude:

050 to 060 / 75-80 SE ↘

Δ MGS2-103:

- milky, gtz vein, up to 1m thick, cutting brown altered gst

vein attitude:

240/70 NW


MGS2-103


- milky gtz vein 1m thick
- steeply dipping
- layered chalcedony parts
 - silica breccia layers
 - angular, altered gst frags within some sections of the vein
- purple fluorite < 3%

△ M652-104:

- old trench site

11 fractures filled with chalcedony
& white qtz

① 255/60 NW 

② 275/78 NE 

- brown altered gst cutting
by qtz veins up to 6 cm
thick, av. 1 cm

M652-104

- silicified, pyritic gst.
- fresh grey
- weather rusty brown ^{yellow}
- 3% disseminated pyrite
- fgs
- silicified vol. breccia (?)
- adjacent to qtz vein

- most of the gst is
not silicified

Δ MGS2-105:

- "REDBIRD" fluorite showing
- veins all < 2 cm thick
- brown, altered gst cut by fluorite, fluorite + qtz & qtz veins
- purple fluorite vein attitude:
070/70 SE ↘
- qtz + minor fluorite vein attitude:
085/55 SE ↘

MGS2-105:

- silicified gst
- greenish grey
- chalcedony veinlets
- 2% disseminated py
- associated colourless fluorite + qtz veins
- white, purple & colourless fluorite in the trench

△ MGS2-106:

- qtz vein ~ 6cm thick
cutting volc. bre / gst

MGS2-106

- grey to colourless qtz
- layered
- some colourless fluoite
- vein attitude:
025/65 SE ↗

△ MGS2-107:

- qtz veins within altered gst
volc. bre. $\frac{1}{3}$
- vein attitude: ① 095/40 S ↖

MGS2-107

- ② 120/20 SW ↘
- veins < 4cm thick
- white to grey qtz
- brecciated wallrock frags
within some veins
- vein zone ~ 2m wide including
gst between veins

Δ M652-108:

- maroon, volc. cgl
- pitted weathered surface

~ bedding:

330/40 NE ↘

jointing:

210/85 NW ↗

cgl - fgs sandstone beds +
pebbly cgl

- volc + lst clasts
($< 5\%$ lst)

- rounded to subangular
clasts

- rare white qtz
clasts - rounded

A. MGSZ-109.

- felly sandstone/cgl
- ~~with~~ polymictic - maroon volc clast
 - green volc clasts
 - brown volc clasts
 - up to 10% lst clasts
- greenish grey sandy matrix
- % on pond edge at low water line
- subrounded to subangular clasts

possible bedding.

335/50 NE

X

△ MGS2-110:

- qtz + fluorite vein cutting
- ~~2.5% calc~~ volc. cgl/bx
- with $< 3\%$ lst clasts

MGS2-110

- vein ~ 4 cm thick
- white qtz, greenish
chalcony & fluorite
(purple & colorless)

vein attitude:

065/75° SE ↘

Δ MGS2-111:

- maroon & greenish cgl
 - polymictic - lot clasts (5%)
 - sandy matrix

possible bedding:

245/20 NW ✓

- Nicola cgl cut by white qtz veins
 - minor, colourless fluorite in veins

foliated gst: (sheared cgl?)

230/60 ✓

- associated with qtz veins
- clay altered

10 cm ^{thick} qtz vein cutting foliated, clay altered cgl.

275/80 N ✓

Mon., Nov. 1/82

STUMP LAKE

WEATHER: SUNNY & COOL, FRESH
SNOW 200 m above claims

Δ MGS2-112:

- well layered, wuggy qtz vein cutting greenish grey gneiss(?) or siltstone(?)
- vein up to 1.5 m thick
- white & some grey qtz
- white fluorite cubes lining some vugs

Δ MGS2-113:

11 fractures: 060/90

- massive cgl cut by siliceous vein, that is locally brecciated
 - vein \leq 4 cm thick
- cgl matrix is completely replaced with white qtz & fluorite

MGS2-113 siliceous vein

△ MGS2-114!

[MGS2-114]

- dark grey qtz vein
- 2% pyrite
- brecciated greenish grey siliceous frags.
- vein cuts brown, altered gst

vein attitude:

170/45 SW ↓

△ MGS2-115!

[MGS2-115]

- qtz veins all ≤ 5 cm thick cutting clay altered gst
- white to dark grey qtz & chalcidony
- some brecciated frags. greenish grey siliceous gst (?)
- colourless fluorite
- $< 2\%$ pyrite

vein attitude: 155/55 SW ↓

△ MGS2-116:

vein attitude: 130/30 to 45 SW ↗

MGS2-116

- white qtz vein cutting brown altered gst l₂ crystals
- purple fluorite in vein
- chaledony & gst frags supported in white crystalline qtz
- vein w < 3 cm thick

△ MGS2-117:

20 m west of 64005
0700W

MGS2-117

- partially silicified gst with qtz spines
- weather rusty brown
- fractured
- fresh - grey to brownish

△ MGS2-118:

MGS2-118

- dark grey & white qtz veins cutting vol. bx
- veins < 3 cm thick
- some get frags in vein

vein attitude:

060/75 SE ↗

△ MGS2-119:

MGS2-119

- layered white qtz vein
- waxy
- > 1 m thick

vein attitude:

subhorizontal

065/15° SE ↗

△ MGS2-120.

[MGS2-120]

- weathers rusty brown & yellow
- fresh - grey & white
- iron stained qtz vein
> 50 cm thick

△ MGS2-121:

[MGS2-121]

- brown weathering qtz vein
over 90 cm thick
- only sampled the dark grey
layer (pyritic); ~4 cm thick
- 24% disseminated pyrite
- 1/2 20 m north of 10+00s', 0100w

△ MGS2-122:

MGS2-122

- white qtz vein

- wuggy

- "sub-coop"

- brown patches

- minor dark grey qtz

PICKETS

line 10 - every 100 m

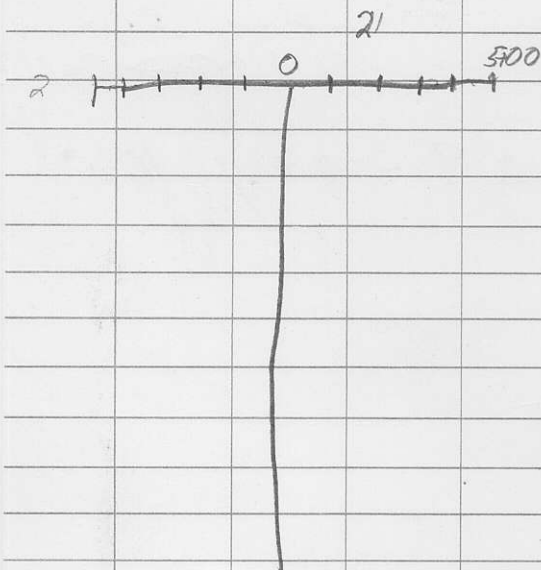
~~1+00 W~~
~~5+00 E~~

1+00 W → 4+00 W

- every 50 m

~~1+00 W~~ → 2+00 E

line 9 - every 100



fracture 280/65 above
K trench 5
of Pettit

DBK2-1

335/25

✓ ✓

280/55



55
H

35



Final claim Post 657 m²

DERBY 11

April/72

R. McBean

CO. 83751

Starting time 12:15 PM

Finish 6:45 PM

05 2W

05 1W

LCP

15 2W

25 2W

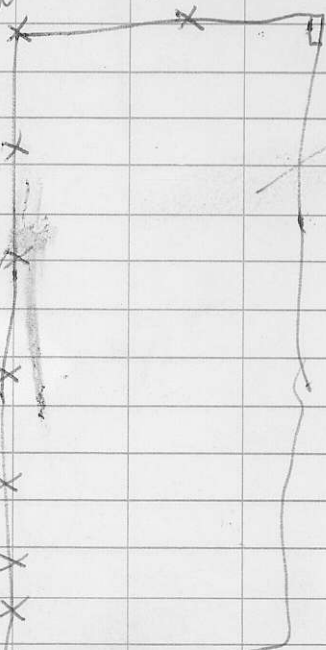
35 2W

45 2W

55 2W

65 2W

X



MICRO-GOLD

Shaw
Chevron

"Rite in the Rain"

WEATHERPROOF
LEVEL BOOK

No. 310

NCI

NEVILLE CROSBY INC.

872 RICHARDS STREET, VANCOUVER, B.C. V6B3A7

TELEPHONE 604/669-7525 TELEX 04-507762

MINING, FORESTRY AND DRAFTING SUPPLIES

David Shaw

Chevron Standard Minerals

901-355 Burrard St.,

Vancouver, B.C.

Tel. 668-5492

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TACOMA, WASHINGTON 98421 U.S.A.

Sept 21st

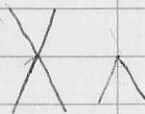
MG Project

- ① ph. → 000' main hill on MG Prop.
- ② hilltop 040/10 dip
- ③ Si Cap 085/20 + 020/90 jts
- ④ fracture 315/65
- ⑤ photo → NE down SW side

Sept 22

- ① Outcrops to SE of main hill
gnst. dip 295/60
 " " 325/50
 " " 140/60
 " " 235/90

MG-82-1
5th MAP



max we gnst.
strongly facid.

MG-82-2

jt
175/60
310/50

photo of above jt set → NNE

jt
250/75
130/70
340/45

NW	str/kg	mod steep	} conjugate jt set
SE	"	steep	
SW	"	steep	

MG-82-3

020/80 jt
110/85

Si outcrop in depression
To immediate W get strong NNE str/kg,
E dipg ~~fracture~~ Also get E-W, S dipg
fracture. Appears to be fracture zone NNE str/kg

MG 82-4

east side of lake

lyr 330/55
banded andesite

gls 028/50
250/45

MG 82-5

S'n end of lake, east side
Sinter + fault breccia
Photos of silicified rock
Photos \rightarrow 060° of main silicified area

MG 82-6

SW end of lake
Si lyr ~~230/40~~
195/40

MG 82-7

Photos \rightarrow 90° fault scarp

MG 82-a

070/50

000/90 (345 \rightarrow 020° stk range)

Scarp on west side of lake heavily fract'd.
Fault zone, N'ly stk, v. steep dip.

MG 82-10

Rebird pit

Fluorite veins have similar att'n
to fractures on fault scarp @ a.

080/45

Fault acts as feeder for fluorite?

255/45

060/55

330/38

165/48

⁶⁰
240/90

MG 82-10

045/65 175.

070/70 jt

165/65 "

photo: $\rightarrow 100^\circ$

South end of lake, east side.

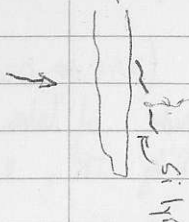


photo: Si veins in fault (slump) breccia conglom.

photo: \rightarrow 10'ly down lake from south end.

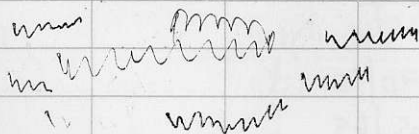
South of lake s'n tip

Si vein $\approx 340/10$

photo's (2) of clasts in breccia @ SE end of lake

050/55

206/55



Oct. 19

Left Vancouver @ 2.30 'ish

Dinner @ Cash Ck.

Arrived Kamloops 11.00 'ish

Stayed @ ~~Kam~~ Stockmans.

Oct 20

Cancelled reservation @ Canadian Lm. Phoned Office
a.m. Checked out of Stockmans, registered @ Sagebrush
for one week.

Left for Stamp Lake mining area. Spent
afternoon there. Collected samples.

Back in town 4.35 'ish.

Oct 21

Took Toyota in. Toe-in & Idle arm fixed.

Phoned office.

Airt bagged lines 0, 1, 2, 3 & 4 from 500E out
to west edge of creek.

Oct 22

Airt bagged lines 5, 6, 7, 8, 9 & 10 S out to
W edge of creek.

Oct 23 Saturday

Dirt bagged 1100 → 5:00P on new grid

Oct 24

MGS-20

- 1 Major fracture intersection
- 2 Q₂, Carb, Fuchsite.
- 3 Buff withing indicative of carbonate.
- 4 Grab-bag of rock MGS-20
- 5 Siltstones in Q₂-Carb rock
- 6 Fe Mg carb with Malachite + grey sulphite - MGS-20A
- 7 JK 035/70

MGS-21

- 1 JK 300/75
- 2 Outcrop mound (≈ 3 × 4 m) of altered + brecciated gneiss
- 3 gb MGS-21
- 4 On N'n side of fracture valley that strikes 250/85°

MG-82-3 → (from Decker + Shaw)

MGS-22

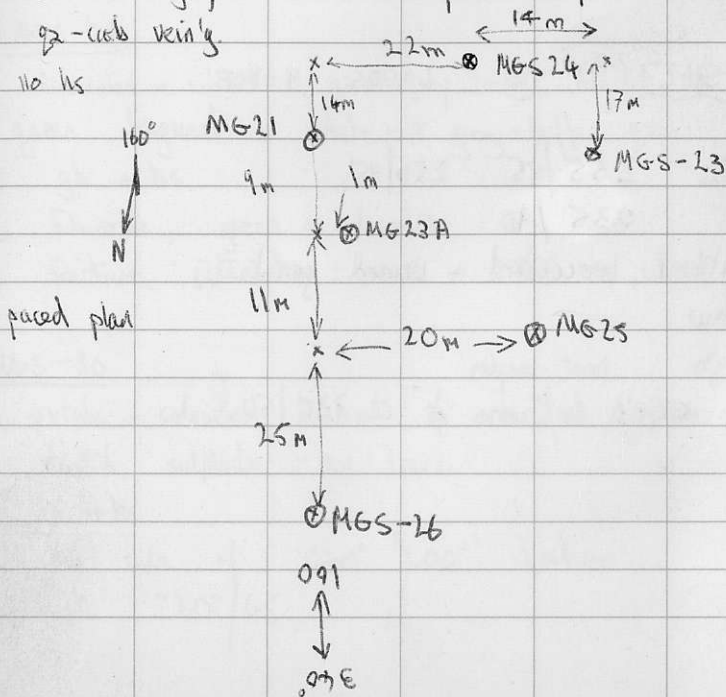
- 1 1 gbag
 - 2 1 soil bag.
- } re-sampling

MGS-23

- 1 30m West of 21
- 2 gb MGS-23 gb MGS-23A (along outcrop to east 25m)
- 3 strong fracture 250/85
- 4 slk'sides
- 5 hw loc'n

MGS-24

- 1 18m South of 23
- 2 ftw loc'n. → central loc'n.
- 3 gb. highly altered surface - poor sample mat'l.
- 4 qz-vein'g.
- 5 10 lbs



MGS-25

- 1 silica-chert veins in gmsst.
- 2 dk gmst + dk grey veins
- 3 @ 245/85 vein orh.
- 3 gb + ks.

MGS-26

- 1 massive gm stone.
- 2 less structure than @ 24 + 23
- 3 Py, carb, epidote. Ep in thin (mm) veins.
- 4 gb + ks
- 5 gmst is a volcanoclastic rock.

MGS-27

@ 2+005 5+00E

- 1 Jr. 255/85 250/85
035/90
- 2 altered, brecciated + veined gmst.
- 3 hw
- 4 gb poor samples
- 5 wss'd 'cross jt' 330/50

MGS-28

- 1 Silica breccia, ~~lyrid, flat~~.
- 2 Angular, fine grd clasts
- 3 Distinctive lemon yellow mineral - jarosite?
- 4 Py + other sulphides.
- 5 14m along 160° get fract'd gms with Si.
A well location probably
- 6 Structure strikes ~~towards~~ 250° towards line between lake showing + hill top showing
- 7 Two showings on structure that feeds vein?
- 8 gb + hs? Fluorite

MGS-29

- 1 Brecciated + silicified, green-grey rock, Angular dk grey-green fragment + white-lt grey-buff qz.
- 2 gb + hs.
- 3 Fluorite, green + colourless
- 4 Fracture intersection: main 070° + subid 020°

MGS-30

- 1 purple + colourless Fluorite in silicified gneiss
- 2 Ass'd sulphides - py trace.
- 3 gb + hs
- 4 NW side of 070° '200'' structure.
- 5 jts $220^\circ/45$

MG5-31

- 1 355/87 jhs
~~352/40~~ 172/40
062/85
2 altered gmst + calcite veins

MG5-32

- 1 To N ($\approx 15m$) of Z+OOS b+SOE
2 gmst - altered, brecc'd & silicified.
3 gb + hs
4 central to hw location within fault-fracture
5 qz webs within gmst.

MG5-33

- 1 Silica cap overlying altered gmst. Fluorizing
2 gb + hs. Fluorite, colorless.

Oct 25th Monday

MG5-34

- 1 White qz veins in gmst (brecciated)
2 White-rinky qz strongly fractured, fracture surfaces oxidized.
3 gb. or hs.
4 no other min'l'n noted, not promising.

2 Slightly overlies sub-horiz'l Si cap at
MGS-33.

MGS-35

1 Strat'l intersection
345/00 + ²¹⁰030/steep

2 Qz carb (rusty whitig) breccia + Si breccia.
Latter contains Fluorite.

3 Area of mineral'n approx 45m x 50m

4 gb, hs, soil sample

MGS-36

1 Silica vein. Hyd in places, breccia in others

2 Thickness estimate difficult: at least $\frac{1}{2}$ m.

3 con Part of same vein as @ 37.

4 gb + hs.

5 Milky qz + colourless Si.

MGS-37

1 Si breccia with Fe Py.

2 110m between 36 + 37

3 1 $\frac{1}{2}$ → 2m thick

± gb + hs

MGS-38

- 1 50m from 37
- 2 approx 2m thick
- 3 white milky qz, colourless si, dk grey chalcedony
~~that~~ filling fractures in qz. Dk chert
- 4 some thin breccia zones
- 5 Py - present
- 6 silicified grist lower contact
- 7 shallow dip on lgr to SW. W
= 170/30

- 8 MGS-38 gbs of varied rock types. No hs.
- 9 MGS-38A breccia, dk chalcedony, gb + hs
lemon-yellow mineral - goethite?
Rock generally adj. to lower contact.
Hematite?

MGS-39

- 1 Si breccia with dk chert, lemon-yellow mineral/
flint, fine + disseminated sulphides (py).
- 2 gb + hs.
- 3 lower contact of Si vein.
- 4 105m from 38.

MGS-40

- 1 altered gneiss breccia
- 2 gb + hs.

MGS-41

- 1 dk green chert breccia.
- 2 gb + hs.

MGS-42

- 1 silicified greenstone •
- 2 veins of chert-chalcedony
- 3 Some fracturing → breccia
- 4 gb + hs
- 5 buff + colorless fluonite

MGS-43

- 1 silicified gneiss, thin chalcedony veins, colorless fluonite
- 2 gb + hs
- 3 South side of '070' structure

MGS-44

- 1 silicified gneiss, Si breccia
- 2 central part of '070' struct.
- 3 gb + hs.

Ad Oct. 26th

MGS-45

1 Polymictic "breccia" conglom. clasts are both
rdd + angular. Partially silicified matrix.
Aug porph clasts; hb bi gran clasts, gnrst
clasts, white qz clasts. Reaction rims

2 gb +hs.

3 clast size very variable. Some granitic clasts
are rdd-cobbles. Lyr'd chalcedony coating
some clasts. Chalcedony filled fractures

MGS-46

1 silicified mudst fractured + brecciated, by
now enclosed by buff-pink silica.
2 photos

2 grading in silicified sediment indicates
normal sequence.

3 Si intrusion ||'led - sub' ||'led to lyr'g.

4 silicified sediments gb +hs

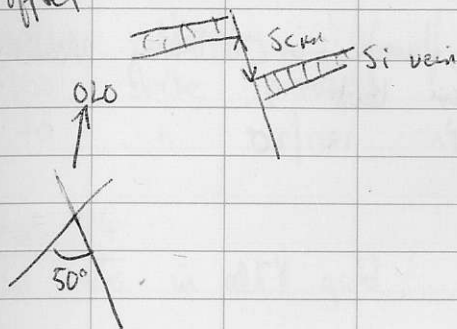
→ Si unit 220/15

MGS-47

↳ Fractures 085/70
195/20

shallow set Si filled + appear to be truncated by steep set.

↳ Steep set have apparent normal fault offset



MGS-48

↳ Silicified (partly) gneiss.

↳ 200/48
337/38
082/65

↳ probable trend of 200 strike 'fault'

49
MGS-50

- 1 235/75 jts.
- 2 Not well j't'd. No distinct set.

3 gonist.

MGS-50

- 1 purple & colourless fluorite in virtually unaltered gonist. approx 4 cm thick
- 2 approx vein alt'n 180/20°
- 3 jts + hs

MGS-51

- 1 Si vein = 30cm thick
- 2 110/30 approx alt'n
- 3 hot gonist.

MGS-52

- 1 085/50 jts 195/60
010/37
- 2 qz veins in 010/37 fracture plus brecciated gonist

3 010/37 fracture ≥ 30 cm width

4 host - relatively unaltd gneiss.

MGS-53

1

120/30	200/85	070 250 /30
110/45	178/55	070/25
	175/65	

2 outcrop v. strongly jtd.
"100" strike prominent. } plate
"70" " " }

MGS-54

1 Si veins in altd gneiss.

MGS-55

1 dk green-grey chalcid. with 3-5%
dissem py., chalcid veinlets. In vein up to
15cm wide, rusty brown wh. sig.
Base fragments

2 gb shs

11/11/88
11/11/88
11/11/88

MGS-56

- 1) Dk green-grey chalc. , veinlets with fluorite, $\leq 1\%$ Py.
- 2) Host clay altered gnst, highly fractured, micritic, buggy.
- 3) gb + hs.

MGS-57

- 1) 250/85 fractures
180/55
- 2) slightly altered \rightarrow altered gnst
- 3) Thick Si vein, varied orient'n
310/20 pre-dates main fracture pattern.
phob
- 4) gb + hs of vein
white - dk grey qz
dk grey-brown chalcedonic qz
small vugs
- 5) Two phases of min'n. Earlier phase has varied orient'n of veins, generally sub-horizontal.

MGS-58

- 1 Variable altered Nicola Breccia.
- 2 gb +hs.

MGS-59 60

- 1 310/70 quadrates
150/40
060/55
- 2 host - gmsr
M

MGS-59

- 1 qz + si vein, breccia in places
- 2 gb -hs
- 3 photo of 2 si veins

MGS-60

- 1 Si vein 090/10'

MGS-61

- 1 Si vein 805/25
810

MGS-62

- 1 Si vein 015/18

MGS 63

Si vein 140/35

MGS-64

Si vein 155/30

MGS-65

Si vein 160/37

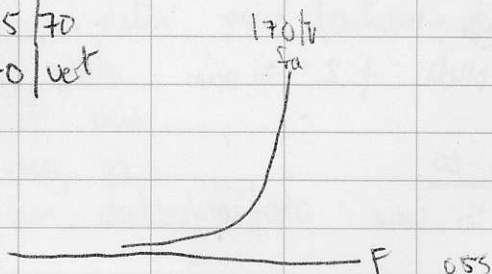
MGS 66

fract gmsr 165/35

MGS-67

1 fract 055/70
fabric 170/vert

2 gb +hs



MGS-68

1 Si vein 185/60

2 gb +hs

MGS-69

1 fracture 000/20

MGS-70

1 gmit
2 fracture 350/20

MGS-71

1 highly al'id, 'py' rich' gmit. Siliceous.
2 gb +hs

MGS-72

1 355/20
2 Si vein

MGS-73

1 Si vein - brecc'd
2 gb +hs

MGS-74

1 Silicified fault
2 245/20 Si vein?

MGS-75

1 Si vein 325/27

MGS-76

- 1 Si vein - Py + Fluorite
- 2 gbs + hcs
- 3 020/75 main fracture
- 4 highly facid

MGS-77

- 1 Si vein 020/50
- 2 lge part of shoreline 76-77 facid gntst.

MGS-78

28th Oct

- 1 350/28 oc. frac.
- 2 ~~gntst~~ Si vein ~~silky vein~~
- 3 silkst + conglom.

MGS-79

- 1 Silkst.
- 2 Si veins + Si breccia veins
Fluorite
- 3 gbs rbs

29th Oct

MGS-80

- 1 fact's 305/70
200/60
- 2 gnst.

MGS-81

- 1 track 115/65 010/75
- 2 unalt. gnst

MGS-82

- 1 fac 010/80 100/75 197/45
- 2 gnst - Nicola breccia

MGS-83

- 1 Nicola conglom'ic breccia. h'ly 310/60
Purple ultrig.
- 2 No visible min' at any 80' str
so far. Fossiliferous. Calcitic matrix
- 3 jk 235/89 330/40

84

- 1 small 'pod' of quartz + fluorite
- 2 host - purple Nicola breccia
- 3 outcrop is highly fract'd.

MGS-85

- 1 Si vein \approx 8cm wide
- 2 145/70 orth
- 3 gb + hls
- 4 white - colorless quartz, ~~trace~~ of fluorite;
some dk Si, some green Si, some massive
& sugary ~~elsewhere~~ get zoned Si.
- 5 thin silicification of host (Nida)

MGS-86

- 1 130/40 190/80 track.
- 2 ginst breccia.

MGS-87

- 1 165/50 235/70 060/35 jks
- 2 purple-green Nida breccia

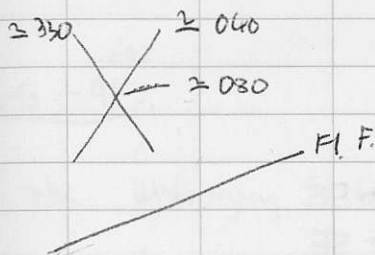
MGS-88

- 1 015/50 082/70 315/85 fracture intersection
- 2 purple calcitic Nida breccia

MGS-89

- 1 082/70
- 2 ppk Nida breccia

of strong fracture pattern on NW side
NE-SW striking Fl. vein



MGS-90

- 1 purple breccia with calcitic matrix Nicola.
- 2 NE/NNE striking linear.
- 3 silicified + fluoritised rock.
- 4 MGS-90 A silicified breccia gl +hs
- 5 MGS-90 fluorite matrix breccia gl +hs

Oct 30th

am air photo interpretation
purchased stakes + items for grid.

PM took afternoon off work.

Oct 31st

Pot in grid - strikes

BL	0 → 1DS	50's
2+00S	0 → SW	"
3	0 → SW	"
4	SW ← 0 → SE	"
5	SW ← 0 → SE	"
6	SW ← 0 → SE	"
7	SW ← 0 → SE	"
8	SW ← 0 → SE	"
9	SW ← 0 → SE	100's
10	4W ← 1W 0 → 2E	

100's ←————→ 50's

Nov. 1st

MGS-112

1. 065/35? 000/15

2. gb +hs
white + grey si veins.

- 1 hot: vented & silicified Nicola or green mudst

MGS-91

- 1 gb obs white-gray Si breccia, yellow stain
- 2 hot-fract'd, silicified, rusty stained, green Nicola or mudst/siltst
- 3 Si lyr 010/28

MGS-92

- 1 green-purple tuff, silicified.
- 2 shallow dip on siltst @ 91 puts tuff @ 92 under it



MGS-93

- 1 275/70 020/85 fractures
- 2 dk gm gry Nicola, ppl'ish on w/htd s.
- 3 Si vein 250/55 8cm thick

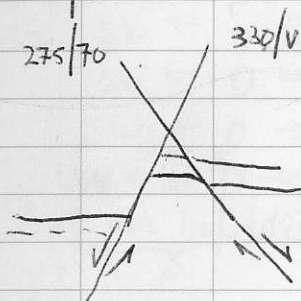
MGS-94

- 1 285/80 255/55 265/90 230/55
272/V + 220/80 095/80

245/70

275/70

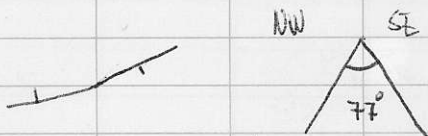
330/V



Notes

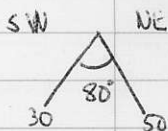
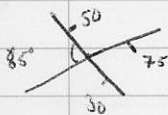
- 2 Host - highly fract'd purple-green Nicola breccia.

MGS-95
 1 052/48 255/55



Conjugate jbs. in glist.

MGS-96
 1 jbs 335/50 + 155/80 070/75



MGS-97
 1 jbs 242/60 315/58

MGS-98
 1 145/25 o.s. Frac. ?

MGS-99
 1 162/45 o.s. Fr.
 2 Si vein + breccia in glist.

MGS-124

↓ 354/27 350/35 o.s.fr.

MGS-125

↓ 085/15 o.s.fr

MGS-126

↓ 108/24 o.s.fr.

MGS-127

↓ 345/24

2, gb ths

Grace Construction Material

Tungsten & Thallium

Tuesday

I.P.

8062 Report.

W

E

5

4

2

1

2

4

5

2

3

4

5

6

7

8

9

10

11

* 005/25

040/10
x

060/10
x

170/32
x

090/35
x

x

x

025/30
x

020/30
x

075/42
x

095/15
025/40
x

045/25
x

152/30
x

080/35
x

045/25
x

065/35
x



Sep # 49

711797

G. Lee

8

Sykeyes

16-9-66

bill Kure

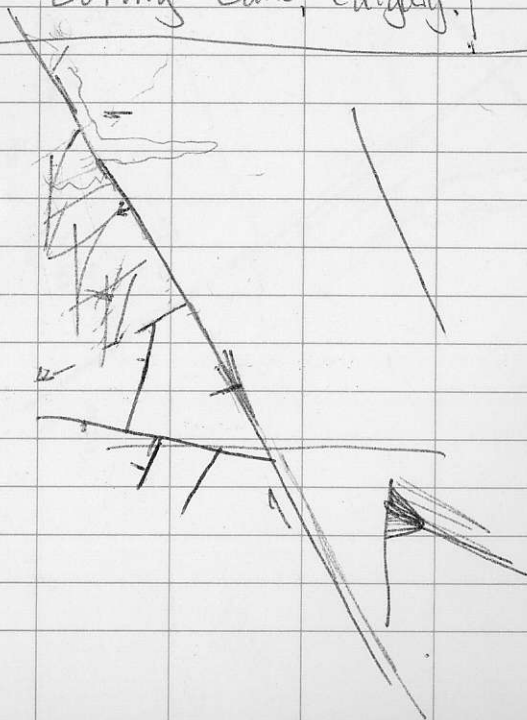
403-272-1801 (Calgary)

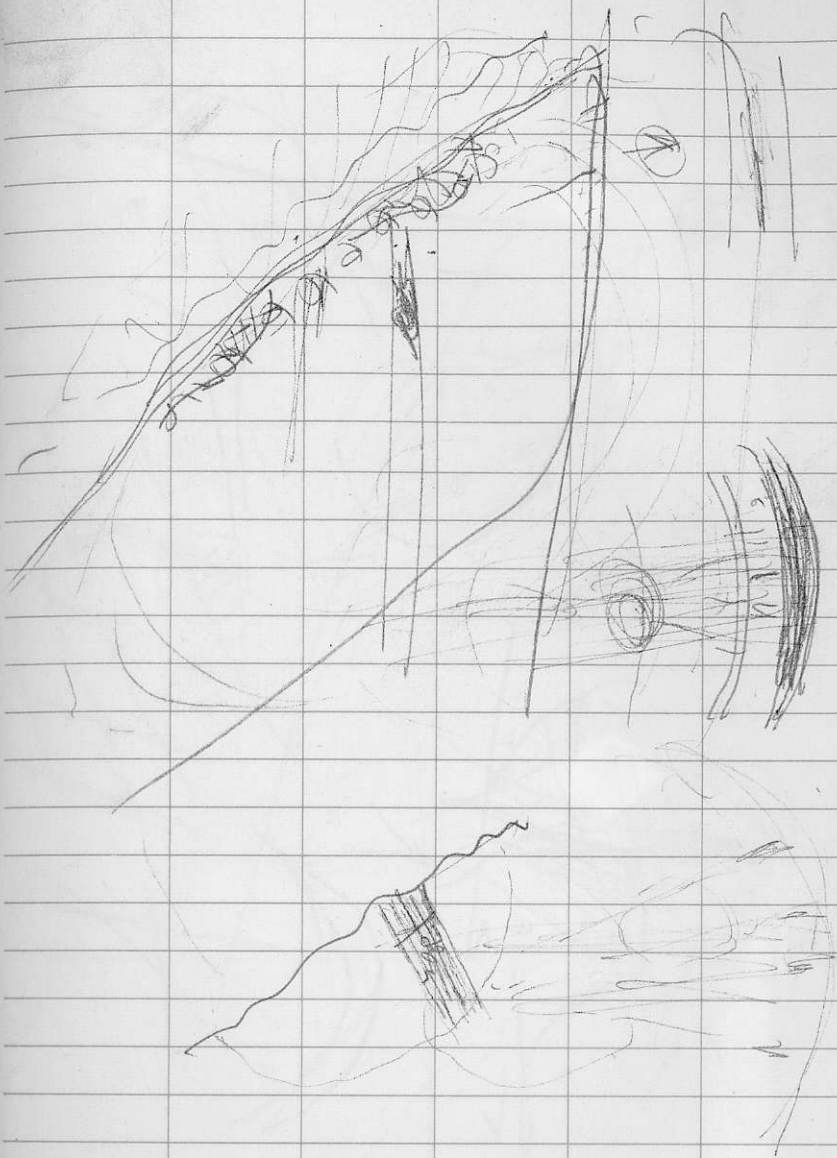
\$500,000 →
production

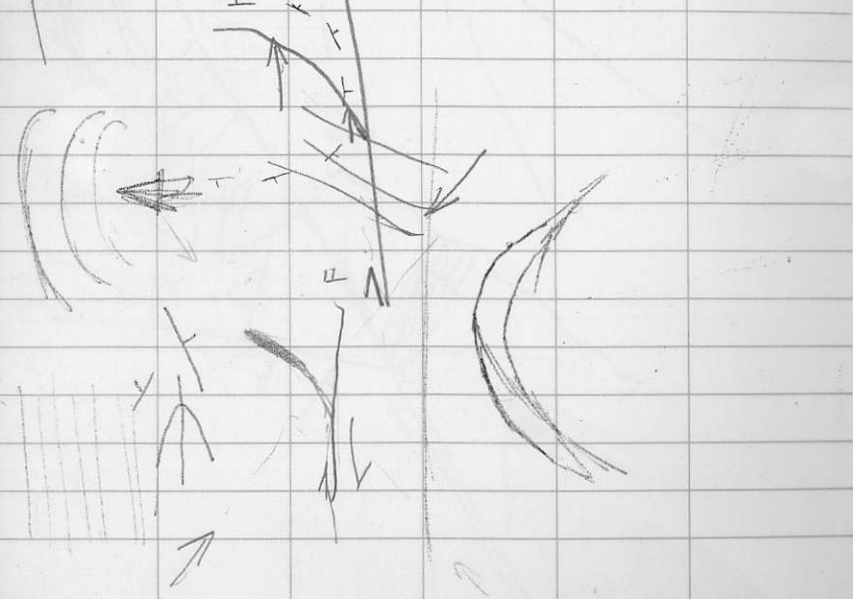
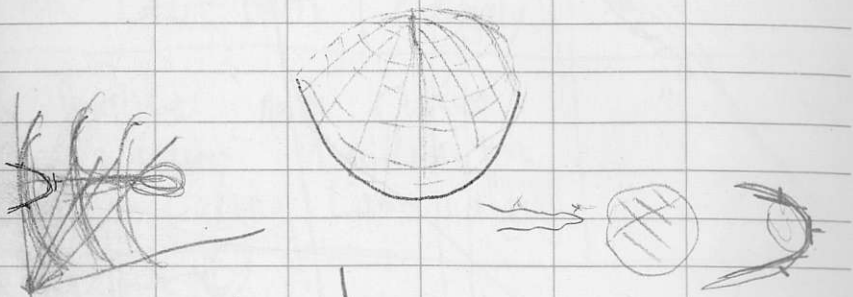
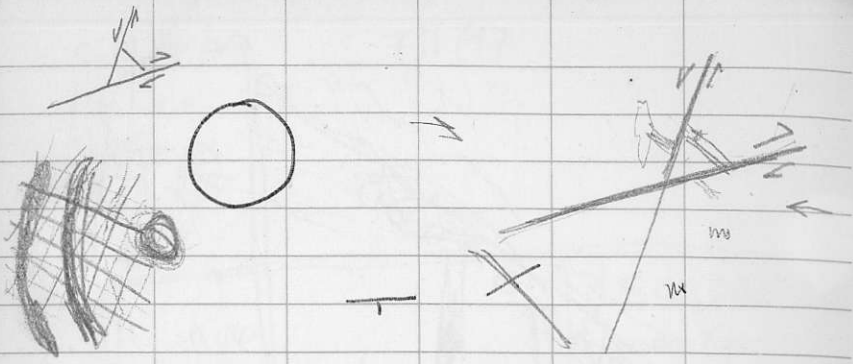
pearlike near Clinton

2 classes 9 million tonk.

Loring Lake, Calgary.







Cal #1

99962-63

Cal #1

116609

116602-25

2750

58.17

500

