

PACIFIC
WATERPROOF

Mining Transit Book

FILLER No. 321

018618

M. FRETWELL

REEF PROJECT

JUNE 7/67 → June 18

JUNE 7 GREMLIN CLM AREA

A.F. 'A 12297-247

GREMLIN - PYRT - CRYP VEN

10' THK E SID OF

CRK - NER NOR

- CU HI CONGE W SID

OF CRK - DIP - INTO

H/K

* FRAC ZONE

A1 in CRK W SID - CONG - CRT - BREC

A2 S^{#1} SIM TO A1

A3 S^{#2} SLP SAM SLTS - SAND

15
2 16°

ATP BREC & MASS VEIN SULF

ORIENTED ~ SAME 'S

A1 & A2

PYRT, CPYR, MAGN

APPEARS BEDD IN SPOTS

A4 SCP NO MIN. SHALE
ATP SHALE \swarrow ⁹⁰₂₀ BED? OR SHALE
CLEAVAGE?

BELOW TP ~ 200' S# 3
INTR? appears to follow
line of expected min zone?

A5 S # 4

A6 S # 5 in float pyrite & BORON
desert in BREC
100' above double POSTS

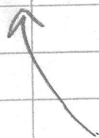
A7 S # 6 SLP - SHALES - LITTLE OR
ATP PORPHYRY & BREC TALKS
- NO OBVIOUS CLEAV.

A8 S # BR SHALE ON CREEK BANK
- PART URIN

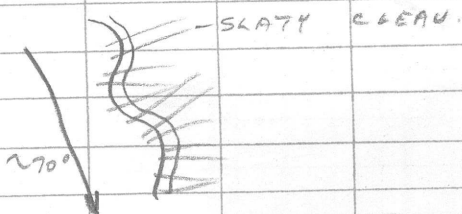
A9 S # 9R SLP CLIMB 400'
↳ REP OF ROCK ON
HILLSIDE - SLATI Y BLOCKY
SLTS

$\Delta 10$ 28
70

SLP TRAVERSE TO
CRK OF CLOIE CAMS
UP CRK - ALL SLTS
SHAL



ATP SLTS - folded



$\Delta 11$
20
30

SLP - SOS SLTS - SHAL
ATP "

2 BED? CLEAV?

$\Delta 12$ TALUS - LOOKS LIKE DAKO.

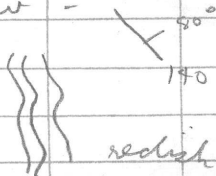
- SOME CHT - FOSSILS?
- BEDDED IN PLACES
- FUCKED UP

Δ 13 more fringed up rock

Δ 14 above creek - black SLTS-SHALE

Δ 15 S# 10

10' below -



reddish brown shale

S# 11

Δ 16

S# 12

75' above creek

Δ 17

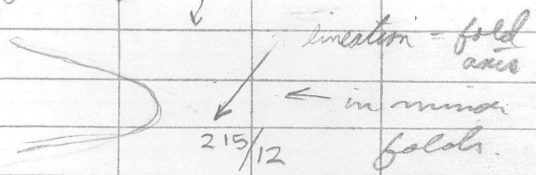
S# 13

30' ↑ CRF 10 TALUS

June 8 - Prospect CLIE with P.D. - upper CRK showing faulted grey shale - smithsonite + Nephrosine through 725' section - likely source of Ni geochem in lower creek.

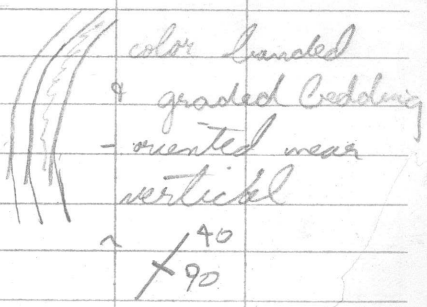
June 9 - Shale attitudes between GREMLIN & camp - A.F. A-12227-294

Δ1 $\frac{42}{-22}$ gpl predominant - underlain by folded zone.



Δ2 $\frac{15}{\rightarrow 14}$ gpl $\frac{14}{06}$ 100' up ridge from Δ1

Δ3 $\frac{220}{4}$



$\Delta 4$

gd

RED

0-5

-86

$\frac{0}{13}$



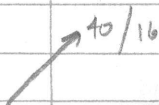
very gentle fold

$\Delta 5$

25

gd

$\rightarrow 32$



no folding

$\Delta 6$

50

$\rightarrow 28$

no folding

$\Delta 7$

36

$\rightarrow 35$

no folding with definite
invention

$\Delta 8$

\rightarrow

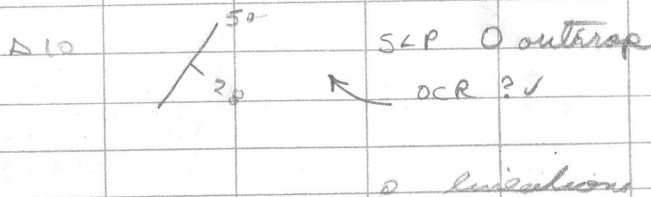
30

OCR ?

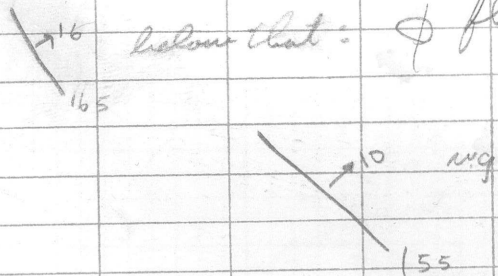
by 9 fairly unbroken

no folds

Δ9 all slump + fished up rock.

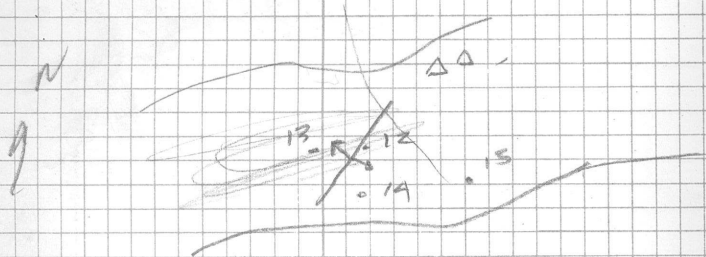
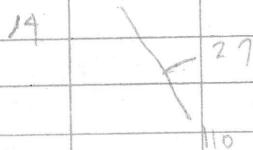
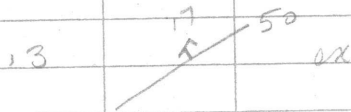


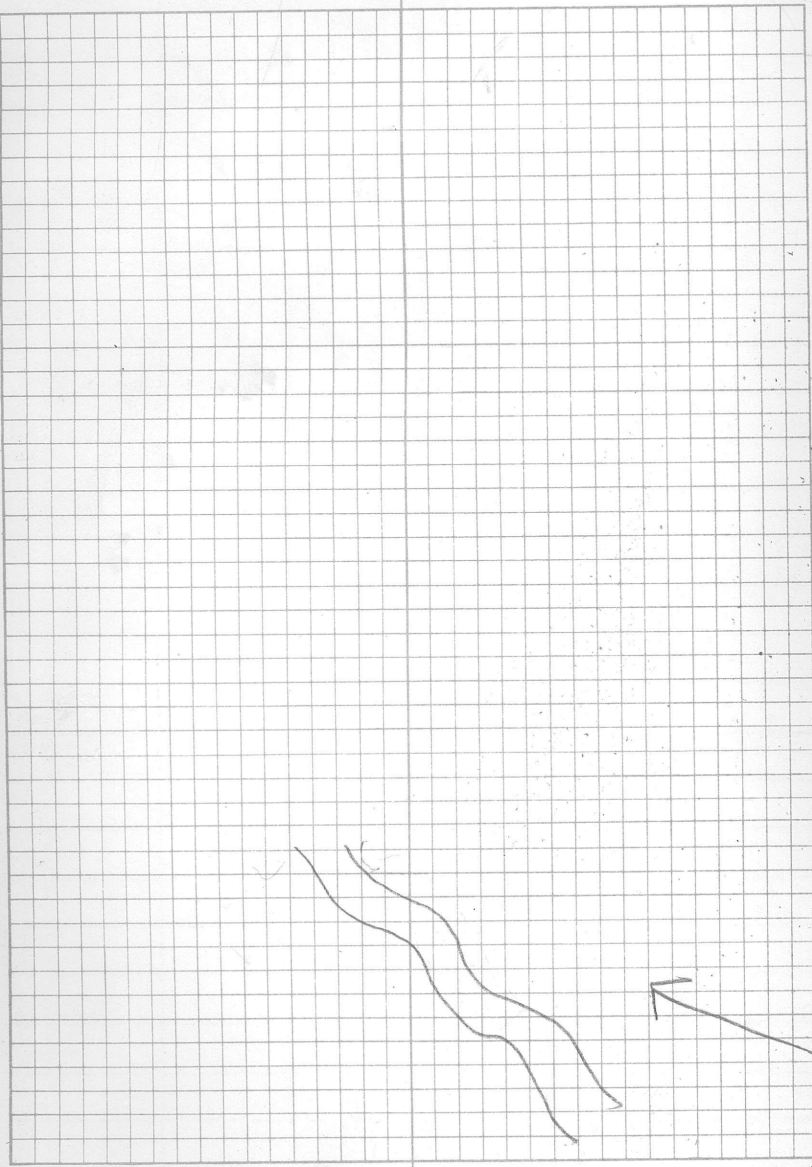
Δ11 below that: ϕ flat lying



12 gal. Bed. ? partly slumped?

65
10





Δ 15 27/20

June 11/66 Prospect SSE of CLOE
A.F. A-12227-247

Δ 1 A 62
gl. Graphite shale ocr
-slaty CLV

Δ 2 30 35/04 SLP shale
23 ALG RDS
GRPH SHLE - SLT
CLV

Δ 3 35 30/0 SLP SOS
40 ATP - SOS

erc. 29 29/04
-34

A4 36 / 36 → 36/0 SLP SOS ALG RDCC
ATP SIS GRV GRC SHAL

100 yds up from 4
A5 NRW BND DOLT → or carbonatite?
ORIENTED
ALMOST NEAR TO BED

- MICHA - BIOTITE

- NO OCR OF DOLT - ONLY
TALUS ON BOTH SIDES

~~→~~ FELSENMEER

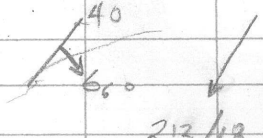
A6 SLP SOS - AT CRT IN DOLT
ATP SOS minor folds
35 / 28 → 35/05

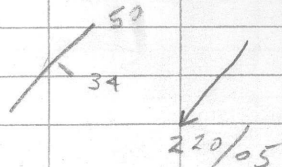
A7 SLP SIS → or carbonatite
ATP MINOR DOLT OCC. - IN TALUS
NO OCR

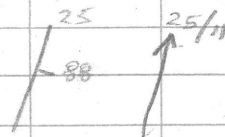
A8 50 / 50 →
215/16

Δ9. Blue saddle - OCCASIONAL QUARTZ
BOULDERS + QUARTZ INTERBED SHALE
C + PYRITE

Δ10 SLP SOS ACRES TALUS
ATP SOS + DOLT? IN TALUS
↳ subvol? - debris?

Δ11  SOS

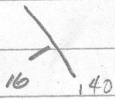
Δ12  Quartz - local breccia nearby.

Δ13 

Δ14 screwed up shales - small amt
otherwise SOS

15. Same DRG WITH R DOLT
in talus flow - same as 5 + 7

16 (MICA*)
~~HTT~~ BRG DOLT OCR?
IN FLOAT + V. LRG BLD
↳ perhaps micaceous TUFF



+ bands of chert

17. BRN WTR DOLT w QUARTZ?
- ALONG BAND OF TALUS
300 yds + - almost RY6H 198

June 12/76 - AF 12227 - 247

18 46/18 ev grey shale

19 INTR TALUS - NEAR IN PLACE

20 SLP FLW INTR
ATP AT RY6H 212
EDGE OF INTR (20A)
- INTR ENDS JUST ABOVE 20

21 MICACEOUS CARBONATITE (DOLT?) in
low talus - peters out above

22. Same as 21

23 Very steeped up shales - folded
& crushed together at OOR
on edge of CRK. - fault up
CRK?

24 SLP - Transverse hillside flow dyke
- overlain by micaceous tuff then
reddish quartzite - only from talus
100' Shale - very stony cleavage,
5 OOR 20' x 20'

25 SLP - SDS TALUS
ATP - GREY SHALE
- v. lg. OOR

13
/ 80

26 20
/ 90 Sh. Shale - minor
folds & quite faulted up

27 26
/ 33 Sh. Shale - minor
folds & a little fault
up

28 sh. talus - buff. G. Shale
little + Doct.?

29 sh. float of orb.
- agglomerate
+ sub-volc?
+ more highly met. sed.
+ shale

30 - 200 yd ↓ 29 in CRK Agglomerate
Congl. with CPYR

June 13 - AF A - 12227 - 296

PROSPECT SECTION N of Fault
intersecting CLOE CRK

Air Photo A 12227 - 296

Δ 1 Slaty tuff (wavy - slightly dformed)
- beds apart
- some area in center
consolidated

Δ 2 Quartz Stingers ~ 10' wide
through tuff

Δ 3 Helical axis from Δ 2 quartz
foliations - gives strike
of ~ 30°

ATP also - slaty tuff

Δ 4 SLTY TUFF CRK 40 x 20'

20
58° ?

5 Well consol. slaty tuff
- bands of chert as well!?

Δ6 - Shale OCR in main stream

Δ7. Shale OCR - surfaced up - grey
Shale - much HZINC

~~70~~ ~~80~~
in area of chip sample.

base of next creek - shale OCR - with
sides

Δ8. in flats - dolstone + bedded
chert - + lots & lots of quartz
boulders - no OCR

Δ9 Hematite - rounded 6' boulder
in flat

- OCR above - shale + some
chert? + DS?

~~42~~ 60

410

Slaty tuff gd ocr
- again some quartz
with it

22
100

A11

Micaceous D&T (or Carbonatite)

in flat but near in place

↪ felsic mass

412

Chlorite Schist ocr

34
75

↪ nice Malachite in

schist.

seen to top

- overlies CS

A13

Amber ~~Shale~~ ocr on CLDF

34
20

↪ grey slate - not surveyed
up at all

15

Sample RYGF for Arany.

June 15/76 Happy B.D. Aaley,
- Camp near Bonnet Plume
on Kay Claims

Δ1 Showing #1 - in
faulted, * lupaceous
shales → micaceous
quartzite - malachite & C.P.R.

Δ2 Showing #2, in same
as above.

Δ3. Showing #3 - malachite +
Erythrite?
- mild Geiger lick

June. 17

1. near 11,000 zinc - 1200' above
lake on W. side
← Smithsonite - skin like shell.

RY5F 15A for assay -