

018601

Daily Log & Progress

Sheldon O. Ex. 1968

R. B. Findlay

C. Fipkie

M. Gladman. quit

R. Williams quit.

J. Hundere

J. Ollie quit

R. Mascoe quit

H. Atkinson quit.

Tuesday June 4, 68

Party members moved from camp of Kirkland etc to present location of Bombardier Rd. crossing of Fortin Creek. Proceeded to set up camp. (1 tent (3 men))
Due to leave on Monday June 10.

Wednesday June 5, 68

Completed Camp set up, located camp on air photos, laid out jobs for following days & prepared for overnight tomorrow.

Thursday June 6, 68

Started overnight traverse of long creek & its tributaries

Thursday June 6, 68.

Chuck & Mike given appropriate sections of stream to sample.

I ran a traverse along main creek & over ridge to set up camp. Tributaries shown on map are either non-existent or swampy. Will sample as many as possible.

Friday June 7, 68.

Waiting out rain before completing traverse to camp.

Chuck & I completed traverse around creek & back to camp.

Mike returned via creek to make a correction and also sampled a tributary.

Saturday June 8, 68. (Rained)

Spent day in camp, compiled map of salt sample locations to date. (Mike mentioned he is quitting)

Sunday June 9, 68.

I ran a traverse to the top of the ridge east of camp. Chuck silted two streams. Mike went out but returned early with a sore back & no samples

Monday June 10, 68

Moved camp to a location.

≈ 3 miles south of Lishy showing

Mike Gladman quit. Ken

Kirkland & Jake Hundrey

moved in as well. (2 tents)

4 men)

Tuesday June 11, 68.

Chuck & I soil sampled in the region. Myself 10 samples at 500' intervals & Chuck 5 samples. The ground is still frozen so we are awaiting further word on what to do.

Wednesday June 12, 68

Continued soil samples, Chuck 12 samples; Myself 6 samples.

Thursday June 13, 68.

Continued soil samples, Chuck 10 samples; Myself 7 samples, Chuck finished @ 9:00 P.M.

Forecast finish Sunday evening at earliest.

Friday June 14, 68

Continued sampling in

area, Chuck 16 samples
Myself 20 samples.

Saturday June 15, 68.

Continued sampling area,
Chuck 22 samples, Myself
14 samples; Will finish area
tomorrow.

Sunday June 16, 68.

Continued & completed soil
sampling Chuck 20 samples,
Myself 25 soils & 3 silts.

Monday June 17, 68

Moved camp to Pay to
await transfer to ridge
west of Fortin h.

Acquired 3rd man for sampling.

Discussed project with
Bob & draughted.

Tuesday June 18, 68.

Cleaned up ^{Pay camp} in area &
moved to ridge S.W. of
Fortin Lake. (1 tent, 3 men)

Wednesday June 19, 68

Rained, so completed camp
set up & discussed work
scheduled for next 4 days.

Thursday June 20, 68

Chuck & Ron on soil traverses.

Myself on a geology traverse.

Friday June 21, 68.

Chuck & Ron on soil traverses.

Myself on a geology traverse

Saturday June 22, 68

Chuck & Ron on soil traverses;
returned early because of
rain. Myself: never got out

of camp, helped Kirkland etc
after fire & was raining by
time ready to go to work.

Sunday June 23, 68.

Chuck & Ron on soil traverses.

Myself on geology Traverse.

Completed area & moved to

Camp #2. Joined by Jake

(1 tent. 4 men.)

Monday June 24, 68.

Chuck & Ron soil traverses

Jake and myself on traverses.

Tuesday June 25, 68

Rained all day, nobody left
camp.

Wednesday June 26, 68

Chuck & Ron soil traverses

Jake & myself on traverses.

Thursday June 27, 68

Rained nobody left camp. JSB came & so Chuck & I are now drawing maps.

Friday June 28, 68

Chuck & Ron on Geochem Traverses
Take & myself on traverses.

Saturday June 29, 68.

Brought mapping up to date & moved camp. N (1 tent 4 men).

Sunday June 30, 68.

Take on a traverse, Chuck & Ron on a silt traverse
(Chuck showing Ron what to do) & myself on a traverse.

Monday July 1, 68.

Chuck & Ron on 1st day of overnight traverse. Take on a

traverse. W & myself on one
E.

Tuesday July 2, 68

Take & myself on traverses,

Chuck & Ron on overnight
silt traverse

Wednesday July 3, 68.

Take & Myself on traverses

Chuck & Ron arrived early
morning & remained in
camp to catch up on mapping
etc

Thursday July 4, 68

Take, Ron, Chuck & Myself
on sitting traverses

Friday July 5, 68

Rained & moved to Pay

Saturday July 6, 68

Worked at Pay discussing
next work.

Sunday July 7, 68

At Pay & moved out by
fixed wing & chopper. Set up
camp. 1 tent 4 men.

Monday July 8, 68

Rained, completed camp set
up. Take & Chuck out
prospecting in late afternoon.
Myself sick in bed with
flu. Ron cleaned up
dishes etc.

Tuesday July 9, 68.

Rained; out for about an hour
to showing Take & Chuck.
Myself sick. Ron.

Wednesday July 10, 68

Rained,

Chuck & Ron sitting. Jake prospecting
myself mapping (afternoon only)

Thursday July 11, 68

Chuck & Ron sitting. Jake sitting
& prospecting, Myself mapping.

Friday July 12, 68.

Rained, no one out all day.

Saturday July 13, 68.

Rained, broke in afternoon
at about 3 P.M. Too late
to do any work.

Sunday July 14, 68

Jake prospecting, Chuck &
Ron sitting, Myself mapping.

Chopper came in with supplies

Monday July 15, 68

same as yesterday

Tuesday July 16, 68

same as yesterday except Ron
could not find location to
work.

Wednesday July 17, 68

Chuck & Myself doing geochem
& geology maps. Take prospecting
Ron sitting.

Thursday July 18, 68

Mapping & moved camp to west
on intrusive.

Friday July 19, 68.

Chuck, Ron, Take, Brent sitting.

Saturday July 20, 68

Chuck & Ron sitting. Jake
prospecting, Brent mapping.

Sunday July 21, 68.

Chuck & Ron sitting. Jake
prospecting, Brent mapping

Monday July 22, 68

Chuck sitting & mapping, Jake
prospecting, Brent mapping,
Ron day off quit

Tuesday July 23, 68.

Chuck & Jake prospecting,
Brent sitting & mapping.
Ron in camp.

Wednesday July 24, 68

Chuck sitting & mapping,
Jake prospecting, Ron
in camp. Move camp

& set up near McEvoy L. 1 tent
3 men. Myself not picked up
by chopper, return to old camp.

Thursday July 25, 68.

Chuck, Jake & John Ollie
complete camp set up. Myself
walk from old to new camp.

Friday July 26, 68.

Chuck sitting & mapping, John
sitting; Jake prospecting, Myself
day off.

Saturday July 27, 68.

Rained. Chuck & self drew
maps from last camp. Jake prospected
in late afternoon.

Sunday July 28, 68.

Rained, Chuck, Jake, My self
prospected in late afternoon.

John out hunting.

Monday July 29, 68.

John sampling, Chuck.

sampling & mapping, Jake

prospecting & sampling. Brent
mapping.

Tuesday July 30, 68

same as above

Wednesday July 31, 68

Rained. Chuck & self drew

maps & made up inventory

of camp. Moved Camp to Pay

Thursday Aug 1, 68

Worked at Pay Camp &

moved out in evening

to north of Traffic Mtn. 4 men
1 tent.

Friday Aug 2, 68.

Completed camp set up & laid
out worked.

Saturday Aug 3, 68.

Chuck & Ross sampling (10 each)

Take prospecting & sampling (6)

Brent mapping & 1 sample

Sunday Aug 4, 68

Chuck & Ross sampling (29 & 4)

Take prospecting & sampling (13)

Brent mapping & sampling (5)

Monday Aug 5, 68

Chuck sampling (21) Ross & Brent

sampling (28) Take sampling &

prospecting (5)

Tuesday Aug 6, 68.

Prospected & move camp.

Wednesday Aug 7, 68.

Rained, Completed camp, & laid out work, located camp on photos by several traverses.

Thursday Aug 8, 68.

Chuck sitting & mapping (16) Harry sitting (12) Jake prospecting & sitting (8), Brent mapping & sitting (1)

Friday Aug 9, 68.

Chuck sitting & mapping (13) Harry sitting (13) Jake prospecting, Brent sick & draw maps

Saturday Aug 10, 68.

Chuck drawing maps, Harry lost, Jake prospecting & sitting (9) Brent sitting & mapping (21)

Sunday Aug 11, 68.

Completed maps of area. Moved camp. Camps split into 2-2 man camps. Chuck & myself at McEvoy. Jake & Ted east of last camp. Harry returned to Bay.

Monday Aug 12, 68.

Chuck & myself mapped & located (as best as possible) the creeks to be silted.

Tuesday Aug 13, 68.

Chuck & myself silted.

Chuck (16) & Brent (14)

Wednesday Aug 14, 68

Silted Chuck (36) & Brent (14)

Thursday Aug 15, 68.

Chuck & Myself over to McS,
showing at previous camp.

Friday Aug 16, 68.

Waited to move camp & drew
maps of area.

Saturday Aug 17, 68.

Move camp. Chuck & Gunther
Lishi remain at McEvoy. Myself
moved to Wolf Canyon to
join Jake & Harry.

Sunday Aug 18, 68.

Rained, completed camp.

Monday Aug 19, 68.

Rained in morning, out in
afternoon & evening. Jake (7)
Harry (5) Myself mapping.

Tuesday Aug 20, 68.

Take prospecting & siltting (12)

Harry siltting (9), Brent mapping
& 2 silts.

Wednesday Aug 21, 68.

Rained, nobody left camp.

Thursday Aug 22, 68.

Harry silted (14), & Take &
Brent prospected & silted (6).

Friday Aug 23, 68

Moved to Ray.

Progress.

3 men.

June 4-10 - Camp near Bombardier Rd. crossing of Fortin Creek.

≈ 15 miles of silt sampling of creeks in area. (70 samples) on 1000' & 2000' intervals. Some mapping in area @ 1/2 mile = 1"

2 men.

June 10-17 - Camp on Bombardier Rd ≈ 3 miles south of Lishi.

Grid sampling (compass line).

lines N45°E running from near Fortin Creek to Lishi Creek.

≈ 15 miles of grid line. Samples taken at 500' intervals. Total samples ≈ 170

June 18 - July 5

3 camps on Ridge to West of Pay 3 men July 18-22

Amen June 23 - July 5.

Soil contouring & some silts
in first & second camps.

Silting & some soils in
3rd camp. Area mapped
at $\frac{1}{2}$ mile = 1". Total Soils
256 & Total Silts 231.

Soils at 500' intervals & silts
= 1000' intervals

July 7 - July 31

3 camps in area SE of Fortin
L. near McEvoy L. Amen.

Silting of all major drainage
systems & some soils. Silts
taken at 1000' intervals. Area
mapped & prospected. Several
showings found & sampled.

Total Soils 66 Total

Silts 387

15 mineralized showings were
examined. These included Cu, Pb, Zn,
Mo, W, Ag?, in place.

S. McEvoy Camp #1
SE. of Fortin Lake July 10, 1968

Traverse R.B.F. # 12.

Sta[#] 1 - Located @ 247° from 1 @ 285°

1 from 2 Quartzite with
Calc. cement. cut by quartz

stringers. stringer @ $1/4"$ @ $=$

1" apart. trend of stringers is

random. attitude of quartzite.

$= 855^{\circ}/28^{\circ}SE$

1 sample taken RBF 12-1

Sta 1a 1 sample taken RBF 12-2 sandy

Sta 2 spotted Hornfels.

2 some sphalerite present in small
quantities. folding present with
Fold Axis trending @ $270^{\circ}/95^{\circ}W$
folding fairly tight. material
thin bedding & reasonably fissile
rusty gossan on beds.

1 sample taken. R. B. F. 12-3

Sta 2 - Camp = Midway mineralized
dolomite float (Pyrite & Chalko?)

1 sample taken RBF 12-4

July 11, 68

Traverse RBF #13

1 - bedded sst, cut by prom. jts.

bedding attitude $045^{\circ}/30^{\circ} SW$

13-1

3 2 Chert, rusty gossan, finely
bedded; attitude $125^{\circ}/30^{\circ} SW$

minor folding present

13-2

2-3 sequence of various siltstone,
sst, shales etc exhibiting minor
folding; all with attitudes $\approx 140^{\circ}/30^{\circ} SW$

3 - Black shale $130^{\circ}/45^{\circ}$ SW, open
space gtz filling, very rusty
material; no mineralization seen

13-3

4 quartzite ?

5 a limy rock (probably altered)
rusty gossan present.

limy shale. no attitude

13-4 & 13-5

4 6 Limestone, no rust $065^{\circ}/30^{\circ}$ S

13-6

7 - highly brecciated limy rock
cut by many irregular gtz pods
& stringers, some of material

appears bedded with attitude
 $080^{\circ}/10^{\circ}$ s precciated portion
could be fault zones but no attitudes
possible

13-7 & 13-8

5⁸ quartzite cut by numerous gtz
stringers, some rusty gossan
present

13-9

6⁹ sandy ^{or quartzite} dolomite appears thickly bedded
 $105^{\circ}/40^{\circ}$ s cut by some gtz stringers.

13-10

July 14, 68 SE of Fortin Lake.

Traverse R.B.F #19.

Sta 1 Sandy dol. badly weathered,
cut by several irregular gtz stringers,
rusty goossan present in some portion
of outcrop, some pyrite seen but
maj. weathered out. no bedding
etc visible.

14-1

Sta 2 talus & rubble pile of
quartzite, none found in place
but location seems to infer
presence of bed rock below.

14-2

Sta 3 what appears to be a thick
bedded dol. $160^{\circ}/15^{\circ}E$. large
gtz stringer present with some

attitude, may simply be a
joint pattern.

14-3

Sta A sandy dolomitic shale (?)
fine bedded with foliation ||
bedding. $145^{\circ}/5^{\circ}E$ may be
related to structure of sta 3
appears over & underlain by the
quartzite.

14-4

7 Stas bedded quartzite, rusty
coloration attitude $07^{\circ}/10^{\circ}S$
little qtz present.

14-5

6 Massive Quartzite no attitude
some irregular quartz stringers

Sta 7 bedded sequence of Sta 5
attitude $165^{\circ}/14^{\circ}W$

Sta 8 - massive quartzite cut by
numerous gtz stringers, some
rust present.

14-6.

Sta 9 gray thin bedded shale
no gtz or mineralization present
 $075^{\circ}/36^{\circ}S$

Sta 10 shale rusty, minor
folding present, no gtz present
& no mineralization visible
 $355^{\circ}/24^{\circ}E$

14-7

Traverse R.B.F. #15

July 15, 68.

Sta 1. Talus & rubble (possibly some in place) of either a silicified shale or a bedded quartzite material thin bedded & exhibits differential weathering.

15-1

Sta 2 material similar to that of Sta 1 except it contains small quartz stringers. altitude. $120^{\circ}/54^{\circ}W$

15-2

Sta 3 same as above but altitude $120/15^{\circ}W$.

2-3 - badly sheared zone with.

quartz stringers & minor folding.
some rusty gossan. could be a
minor fault.

8

Sta 4 material similar to a chert
but lying in foliated beds with
attitude $130^{\circ}/18^{\circ}W$, some rust
present (argillaceous shale?).

15-3

3-4 a zone similar to that of
2-3 was intersected, high
quartz content & highly
brecciated material.

Sta 5

same material as found at Sta 4.

mineralized showing of galena,
sphalerite, cadmium?, & possible
minor copper.

mineralization most prominent
along one main shear zone
but also lies in plane of
bedding.

shear zone $\approx 115^\circ/85^\circ$ N $\frac{1}{2}$

bedding $085^\circ/30^\circ$ S

bedding is dragged near shear
zone.

mineralization continuous

for $\approx 8'$ N strike & approx.

6' width area surrounding
has disseminated sulphides present

surrounding Sta 5 quartzite or
sandy dolomite could be a
silicified shear zone.

15-4

July 16, 68 Traverse R. B. F 16

Sta 1 Quartzite or Sandy Dolomite

047°/25°W

Sta 2 Quartzite, finely & irregularly
bedded, some Copper maybe
present. 135°/38°E

16-1

Sta 3 Black shale \approx 070°/15°S

9

appears to be just a
cap on hill top

Sta A Sandy dolomite or
Quartzite, interbedded with
a shale material 180/8°W

16-3 & 16-4

10 Sta 5 Dyke at. 070°/30°

about 6' in width

no prominent jt pattern

16-5

area surrounding Sta 5 is
covered with small outcrops
of shale similar to Sta 3.

no attitudes possible

11 → Mineralized Float

Sta 6 cherty shale, rusted.

130°/260° E.

16-6.

Sta 7 Dyke 6' wide 015/55°E

same as Sta 5.

Gulley leading down from #6 to
Camp was cherty shale $\approx \frac{1}{2}$
N of Camp became Quartzite.
Camp #2.

Traverse R.B.F #17 July 19, 68.

Sta 1 Graphitic Shale - material
slightly bedded. 135°/30°W

17-1

after Sta 1 all gulley encountered
had same Rock type with \approx the
same attitude.

July 20, 68 Traverse R.B.F. # 18

Sta 1 Hornfels $185^{\circ}/70^{\circ}$ E, no
mineralization & no fractures etc.

Sta 2 Hornfels or Gneissic Rock. Quartz
content must higher than previously
& original bedding of material
removed. Rusty coloration
present. "Scheelite possible."

Outcrops appear blocky & irregularly
fractured. ($115^{\circ}/35^{\circ}$ S): 18-1

upstream from 200 a banded gneissic
material containing garnets

$075^{\circ}/20^{\circ}$ S 18-2

Sta 3 intrusive; other side of stream

2 Hornfels - intrusive contains chalcopyrite
& pyrite. Biotitized Granodiorite

18-3

July 21, 68 Traverse RBE #19.

Sta 1 Shewing. Pegmatite like

Coarse grained Quartz like, probably
late phase of granite. Contains
Sphalerite, Galena, Chalcopyrite,
Arsenopyrite & Pyrite. Minerals
quite coarsely crystalline. Like
is 2' wide & rusted. $110^{\circ}/85^{\circ}N$.

Several Samples.

Sta 2 Ste. Vein. $\approx 50'$ long & $\approx 1'$ wide

Trending $\approx EW$ & dipping vertically.

19-1

July 22, 68 Traverse RBE #20

Sta 1 Sandy dol. cut by

irregular quartz stringers $040^{\circ}/90^{\circ}SE$

20-1 & 20-2

3

Sta 1 & 1a are not contact meta
but a sandy dol. seem to
unconformably overlie the hornfels
rocks of the area.

4 Sta 2 slaty, shaly hornfelsic rock, rusted
contains some pyrrhotite, parts
bedded & parts apparently non
bedded. $120^{\circ}/15^{\circ}$ SW to right of
two $\frac{1}{2}$ vein ≈ 115 & similar
to Sta 2 RBF 19.

20-3 & 20-4

Sta 1b Dol. possible fault: has
shifted dol. down & cut the
material of Sta 2.

5 Float

July 23, 68 Traverse RBF 21

9 silt samples

no Rock samples

Work Not granitic rock
establishing its contact

July 24, 68 Traverse RBF 22

Sta 1 Grey Chert, some rust

present; no attitudes &

no mineralization evident

22-1

Camp #3

↳ insufficient photo coverage

↳ July 29, 68 Traverse RBF 23

Sta 1 Quartzite, no bedding

etc., present; no mineralization.

present but some minor rust

stains; maybe slightly dolomitic.

1 fracture present trending $135^{\circ}/55^{\circ}W$

located due north of small lake
on edge of Knoll

Sta 2 same material as Sta 1 but
stain is more concentrated & traces
of pyrite & pyrothite can be seen

23-1

Sta 3 Talus & rubble of shales
etc. sitting on Knoll. Indicate
rock tabe in place below no
attitudes obtained.

200' Not Sta 3 material found
in place trending $105^{\circ}/45^{\circ}$ N
not too fissile. probably siltstone
faint traces of fine bedding,
& shale fragments.

23-2

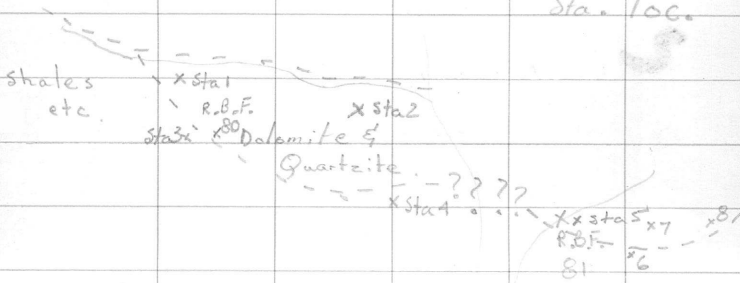
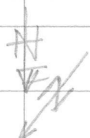
Sketch for Traverse # 23

-- Contact.

☐ Lake.

Granodiorite. 1" = 500' for

Sta. loc.



shales
etc.

x sta1

R.B.F.

x sta2

sta3

Dolomite &

Quartzite

x sta4

?????

x sta5

R.B.F.

81

x7

x6

x8

x81

Sta 4 series of strange ^{meta} sediments
interbedded with siltstones.

trending $160^{\circ}/35^{\circ}E$.

23-3 & 23-4

Sta 5 quartzite, bedded $120^{\circ}/18^{\circ}N$

2 fine bedding,

23-5

Sta 6 - material similar to
samples 23-3 & 23-4.

Sta 7 quartzite as at Sta 1
etc

Sta 8 - same as Sta 7

Traverse R. B. F. #29 July 30, 68

Sta 1 finely bedded siltstone

trending $110^{\circ}/35^{\circ}N$ in contact
with granodiorite.

Contact zone wide & irregular
Dikes of intrusives injected
into sed. before actual
intrusive body encountered.

3

no major mineralization detected
rust from pyrrhotite present.

2A-1

Staz. within granodiorite, gte
veins up to 6" across trending
 $\approx 690^\circ/80^\circ S$ Red & lemon yellow
oxidation stains. Moly, Arsenopyr,
pyrite, galena & sphalerite
observed. vein followed
discontinuously for $\approx 70'$
appears to have been an
open space filling.

Traffic Mtn. Camp #1

Aug 3, 68 Traverse R.B.F. 25

Sta 1 bedded gray - Black cherts
trending $120^{\circ}/73^{\circ}N$; no oxidation
or mineralization. also
slightly bedded siltstone
no attitude.

25-1 & 25-2

Aug 4, 68 Traverse R.B.F. 26.

Sta 1 dolomitized quartzite, no stain
& no mineralizations. appears massive
& no attitudes available.

26-1

material nearby $095^{\circ}/60^{\circ}S$

Sta 2. sequence of various
meta sed. trending $095^{\circ}/60^{\circ}S$
varies from sub greywacke

containing small pebbles etc. to
phyllites & turbites all with
same attitude.

sta 3 shale & sandstone interbedded.
same attitude as previous stations.

3 appears calcareous; bedding is
irregular & thickness varies.

26-2.

sta 4. a silicified sed with high
qtz content; bedding regular & quite
thin. no mineralization. but some
rust.

26-3

Aug 5, 68 Traverse R.B.F. 27

4 Sta 1 Black fine bedded calc
shales intruded by calcite lenses
& pods. trends $105^{\circ}/80^{\circ}\text{S}$.

no folding, stain or mineralization
present (350' from R.M. 20
27-1.

Sta 2 same as Sta 1 100' from
R.M. 21. no sample

Sta 3 partially fissile beige
siltstone, no stain etc, trending
 $110^{\circ}/20^{\circ}\text{S}$.

27-2

Camp #2

Aug 8, 68 Traverse R.B.F. 28.

Sta 1 no outcrop.

see J. Hurdere

S McEvoy Camp #4
Aug 12, 68 Traverse R.B.F. 29

Stn. F-1 float exhibiting contact
between lineated intrusive & a
quartzite via pure silica phase.
Lineations believed result of some
metamorphism.

1-3 F-2. material resembling that
near MoS_2 showing (ie some
altered intrusive) contains
small quartz crystals which
exhibit good termination,
however they do not appear to
have formed in place.

1, 2, 3 examples of the intrusive
showing lineation resembling a
schistosity. Lineations lie
|| pt pattern of $236^\circ/35^\circ N$

Aug 13, 68 Traverse RBF 30,
State \approx at RBF 119.

4 sequence of folded & interbedded
sediments. Two main types are
30-1 & 30-2. sediments quite
close to being the same except
30-1 is harder. folding is
a sequence of small anticline
& syncline, with amplitude of
 $\approx 25'$ & wavelength of $\approx 100'$

the complete series falls
off to the SWA ^{at 30°} F.A $\approx \frac{330^\circ}{150} / 30^\circ N$

Series is overlain by a coarse
silica phase. Contact probably
unconformable. no folding in

5 silica 30-3. No mineralization
present

7

Sta 2 = 150-206 paces from 116,
on both side of creek. shaly
material at $095^{\circ}/42^{\circ}S$ no
staining no mineralization

30-4

exhibits gentle folding in
some places. in these areas
it is locally more severely
metamorphosed & fissile.

Sta 3 = 140 paces from 119 on
left. small outcrop of
a sandy dolomite; no attitudes,
mineralization etc

30-5

Sta 4 at #120 on right
side shaly material
025°/20°W no sample

Sta 5 between two creeks
shales, no altitude.

6
Sta 6 at 210° from #1 & 125° from
#2. sandy dolomite with g. s.
appears bedded & trends 140°/60°N
30-6.

Aug 15, 68. Traverse RBF 31.
Sta 1 MoS₂ showing South of
previous camp.

- Series of quartz veins (max width
5") "trending approximately" 260°/55°S.
Veins occur over a length of $\leq 100'$

of a width of $\leq 20'$. Width of individual veins varies over their length & their position is also erratic. Don't appear to follow any strong joint pattern present within the intrusive body. The intrusive is a biotitized granodiorite but it has been altered locally to ? The MoS_2 occurs mainly within the quartz veins which bear a characteristic yellow coloration. The MoS_2 is coarse & flaky as opposed to fine & disseminated throughout the quartz. The altered intrusive contains some fine grained MoS_2 . The veins are rapidly terminated by pinching in some cases but just seem to disappear in others.

This suggests a fault but no other evidence can be found & material similar to this has not been found nearby. No other minerals are in direct association although Arseno, Pyrite, Galena, Sphalerite have been found nearby in minor quantities.

31-1 Rock surrounding vein.
not severely altered.

31-2 altered variety exhibiting some mineralization.

31-3 material from veins

Wolf Canyon, Camp #1

Aug 19, 68 Traverse R. B.F. 32

Stal Series Knolls NE of

camp, Grey & Black Cherts

trending (100°/65°N?) No stain.

or mineralization found. but some
randomly placed gtz stringers present
32-1

Aug 20, 68 Traverse R. BF. 32

Sta 1 siltstone, no attitudes
but appears to trend close to
same as Sta 2-33. quite hard
but not enough for chert, not too
friable. covered with red brown
stain. Mn stain also present.
Pyrite & Chalco present in minute
quantities.

33-1

Sta 2 large area of cherts trending
 $145^{\circ}/60^{\circ}N$. some banded material
present but major is grey or
black. no mineralization
present. no gtz present.

Sta 3 - material same as Sta 1-33

Sta 4 & 5 Cherts as previous
situations but trending at
 $160^{\circ}/25^{\circ}W$ (suggests anticline)

Progress Report Sheldon O. Ex. ¹

July 7, 68 - July 31, 68.

Sheldon O. Ex. S. McEvoy Co.
Personnel

Party Chief R. B. Findlay July 7-31

Ass't C. E. Fipkie July 7-31

Prospector J. Hundere July 7-31

Sampler R. Williams July 7-24.

" J. Ollie July 24-31

Expenses.

Camp Costs @ \$10/man/day = \$1000

Helicopter @ \$130/hr =

Wages = \$1800

Geochemistry

All major streams & their tributaries
were sampled at 1000' intervals.

A total of \approx 390 silts were
collected. Soils were taken

as considered necessary near showings etc & a total of ≈ 70 were collected. Map of the locations was drawn at $\frac{1}{2}$ mile = 1".

Geology.

The area was mapped at $\frac{1}{2}$ mile = 1". From the first ^{camp.} a sequence of quartzites & dolomites were encountered along with siltstones & greywackes. Some medium basic dikes were encountered but were insignificant. Several showings were found. The 2nd & 3rd camps were located near intrusive bodies. They were a biotitized granodiorite. Surrounding

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the intrusive was a series of
meta sediments & some quartzite
& dolomite. The major dolomite
body west of the third camp
revealed no mineralized showings.
Several mineralized areas were
encountered within the
intrusive body. These were
mostly confined to quartz
veins & shear zones. Mineralization
included Arsenopyrite, Pyrite,
Pyrrhotite, Galena, Sphalerite,
Molybdenum, Siderite, Chalcopyrite,
& possible Argentite. A map
of geology & occurrences was
drawn.

Prospecting

Activities of the prospector included examination of the area that was mapped. Details of the finding were discussed above.

Comments