

July 8/76 Mt. Tegart

840766

- showers

- tried Pedley with George LaForm but turned back by rain

- In afternoon went back to basal Mt.

Tegart to locate barite (Lucky)

- just south of 2nd larger gully north of road → steep slope of last bench over valley ↓

L- 8/7/76 - (A ~ 3500'

- outcrop, brecciated dolomite, ^{some} reddish + yellowish stain, lots of toe zinc test, rare galena Hcls, outcrop ~ 50' high

- traceable farther?
- chip grab of better looking rock
- some frothy smithsonite
- 50' vertical distance, or 50' laterally (?)
- Soil on top on top greyish brown, sandy, rock chips (talus fines)
- Sample 1B
- 3 to 6" down



No mineralization over next southerly 200'-300' to survey station (red flag) & barite veins found previously

- 2 barite veins ~ 2-5" wide & 5' apart
- traces malachite as well as Zn, barite is brecciated as well as the dolomite

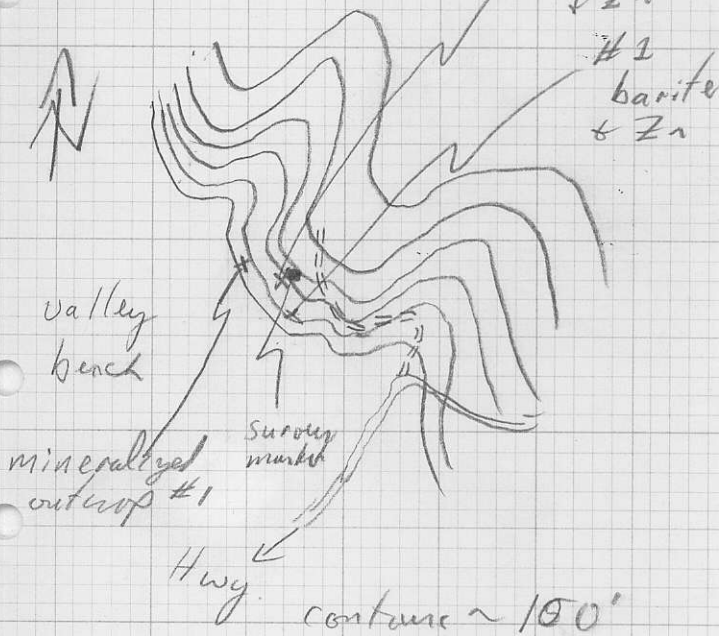
L-8/7/76-2 - southerly

around corner to next
gully, pod of brecciated
adamite & barite in talus
on outcrop → for Zn

Sample

L-26/1/76-7
(barite)
↓ Zn

#1
barite
& Zn



Scale ~ 1" = 200'

- Small occurrences disappear above
& be low into outcrop or overburden

July 11/76 - cloudy, rain(?)

Lower slopes Tegard Mtn
N. T. S. 82 J 5/w

Lomenda & Sargent

- began at base of lowest cliff on western slope; access via old highway & logging road to Indian Head mtn.

- At 3500', prospect basal cliff where secondary zinc was found on July 8

- brecciated dolomite near road. (traces silvery sulphide in ^{tiny veinlets in pieces,} light brown)

- to 1st draw north of draw that road is in

- walked along basal cliff to north, breccia less common; some open, isolated vugs; bedding $30^{\circ}/35^{\circ}$ E

- Crossed brittle vein discovered
on 1st day in area
 $\approx 230^\circ/50^\circ N$
~~beds~~ $240/60^\circ N$
joints \rightarrow

- About 150' (or less) width of brittle vein is zone
 \hookrightarrow 15' thick of brittle veinlets & fracture rocks that have toe Zn
 (// to main vein)
- 3750', near top, 1st bench above valley

L-10/7/76-1 - elevation 3600';
Quarry $???$, with road to it, next to Indian Reservation fence

- numerous small veins 2-3' wide at most; small specks of toe Zn in a few spots but very meager; some traces of malachite
- small gully to north

* Soil Sample collected
n.e. of quarry, about 150'
up + 300' horizontally
- edge of gully, slight
flattening of slope, light
brown, sandy, full of fragments,
2-4" down, lots rootlets,
more of a talus fines

2-10/7/76-2 - walked north +
northeasterly, up hill
- At 4280, small outcrops
& talus with some fomite
& traces of ~~sand~~ Friday Zn.

* Soil just above outcrops
light reddish brown to
light brown, sandy, 2-5"
down; on flat area
before cliffs.

walked basically up hill &
& to north to next gully,

crossed to other side
- climbed hill just
past cliff in gully

2-10/7/76-3 - talus
fines, brown, full of
fine fragments, bits organic,
rootlets, 3-6" down,
mod. steep slope
below outcrops
- 4400'

up hill & southerly along
ridge, crossing gully
onto next ridge

2-10/7/76-4 - 4400'
saddle top of ridge,
flat, soil, light brown,
3-6" down

- walked on top ridge & down
1st gully north of logging road
- prospected base of cliffs to
south

2-10/7/76-5 - 4300'; barite
veins in zone 1-2' wide

- only traces of Zn
with Zn Zap.

- apparent strike 40° / steep

- about 50' farther south

is barite-breccia zone
in pod-like form 10-12'

wide, disappears into talus
below & disappears to
north (100' length)

- barite with light green
weathering dolomite fragments

- apparent strike 30°
dip $30-70^\circ$ S.

Samples 5' #5A

3' #5B

July 13/76. - Sunny, wet
brush

N.T.S 82 J 5/W

- Basal Mt. Teguad
- continuation of previous traverse. Start at base of steep outcrop up north side of gully
- Walked over the cliff & prospect lower parts of outcrops between 4300-4400'
- walked easterly on north side of ridge.

L-13/7/76-1

- walked around talus & up onto top cliff
- bed $317/75^\circ E$
- elevation 4650'
- finely lam dololite, light grey weather.

L-13/7/76-2 - 4800'

- side hitting post cliff

dolomite; top ridge levels
off before next ridge

some flat gritty, red
qtz pebbles conglomerates
but an outcrop dolomite
in flat area

*Soil sample, mod. slope,
grassy; light brown,
with rock fragments, 1-6"
down

2-13/7/76-3 - 4950,

base of dolomite outcrops (steep)
- qtz vein running straight
down cliff - 6" wide,
patches of mal. & az.
(air)

- a little farther & at
5100', base of cliff, light
purplish grey, orange &
pink stained & weathering,
microcline, massive,
dol. & dol bracia

- close to cliff at top of
this little valley,
flattening out a bit

- light rain

L-13/7/76 - 4 - 5150'

- flat, lagged out area, nearly
with 3 sides of reddish
dolomite

- Soil, light brown, 2-6"
down, clayey, full of rock fragments

- rocks base of cliff at top
valley are brownish-grey weathering
dolomite; reddish-stained dolomite
crossed over? (fault zone?)

Walked back to truck
& prospected lower talus
in north side of gully
Electro storm & rain

Drove back to old highway
to n. w.; took east turn
just past gravel pit
(where old & new highways
are very close). Drove
this trail until junction
with road to Four Points
mountain. Stopped at
road fork at 3650'
on road to Four Points

- walked S. E. up ridge
& side hill.

{ Note: rocks on north side
of creek are brown-weathering,
finely lam. dolomite.

- prospect outcrops 4000-4200'
lower exposures over valley

L-13/7/76-5 - 4150'
- Soil, brown, 2-6" down,
clayey, full of fragments;
low slope over outcrop

- some of outcrop nearby is brecciated & stained red.

← " →
L- 13/7/76-6 - 4400'

- rounding other side of gully to southeast.

- past outcrops of dol & dol breccia

- Soil - brown, 2-6"

down, clayey, full of rock fragments, low to mod slope

→ talus fines

← " →
- walked up ridge to east, at 5000', cliff of E_j dolomite

July 16/76 - sunny
N.T.S. 8255/W

Lomenda - Sargeant

Basal Mt Tegard

- detailed prospecting to
locate & extend showings

showing at basal part
of cliff # L - 7/76 -

~ 140' long, max 30'
wide (?) - difficult to
get trend & thus thickness

- a few barite veins about
30' above main area

Northerly & up outcrop of
this small cliff - ~~200'~~
70'
is more barite veining

(directly above #)
May be part of main
showing but -ve In test

- Apparent strike of veins &
fractures ~ 40° & near vertical

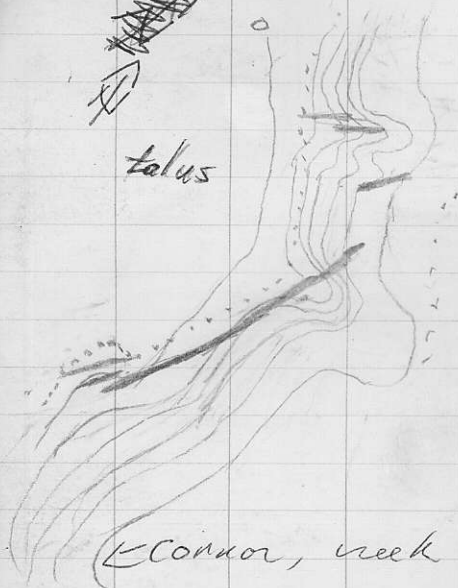
Scale 1" = 100'



talus

outcrop

talus



(Connor, creek below ↓)

contours indicate relative
slope changes → max relief
in sketch is 150'

- width of fault zones are
distorted in width due to
slope.

L-16/7/76-1 - 4550'

- narrow chimney (top of close to 1st large draw northerly of creek.
- Lucken showing?
- sheared & Fe Oxide stained, crumbly & soft rock
- 10' wide, 30' on slope ~ 215°
- highly altered dolomite breccia; veinlets & beds in fine network of galena(?)
- shear zone thru chimney fractures, 215/80° N
- siliceous, flat fractures cut ^{at top} ~~steeply~~
- Sample: channel 10' across fractures.
- bearing 212° to church in valley

Walked up east side along ridge to 5500' & walked over top of gully to north & down to cliff. At 5000' → flat red grit

to water

~~bed 330°/65° E~~

- At 4800' along cliff face, bed 330°/65° E, dolomite

4

Drove up Western Gypsum
road along Windermere Creek,
walked up logging roads
southerly of Swensen Mtn;
(basal Four Points Mtn)
- E, dolomite, finely lam,
locally breccia 3950'
- bed 180/45° W

July 18/76 - Sunny, hot

- Lower slopes Four Pts

Pln → continuation of Tegner?

- NTS 82 J 5/w.

- Drive logging road up

Four Points

- Began walking northerly

from 1st major switch

back on road ~ 4000'

- From this point up road
to ~ 5000', red shale &
siltstone in road cuts

it.

→ flex + on top brecciated
grey ls.

At 4400', near center of broad
down outcrop of grey,
fine dolomite breccia

- Fulus is red + transverse
Kewatitic like Redwall
Fault.

- more dolomite breccia, locally with qtz veinlets; rare fakes show specks mal & az.
- in float some dolomite (?)
qtz ss

L-18/7/76-1 - 4500'

- big 81° to junction old & new hwy's
- soil, just past gully
- lite brown 3-5" column, full of rootlets; below thin leached layer
- test for Cu, above float with some mal.

L-18/7/76-2 - 4500-4650'

- cliff on north side draw, dark grey, light grey weather. massive dolomite (appears massive). Up above are grey + red dolomite breccia. No layering but not sure if tectonic or collapse. Looks like Redwall Fault br.

- fragments sub L to L, matrix is dololite
- in lower massive dolomite are gtz & calcite veins
- breccia frags \rightarrow finely lam.
- breccia zone apparent thickness $\sim 120'$; follows slope contour roughly
- overlain by grey, massive to finely lam dol.
- 4700', northy around from draw
- bed 35/70° S; thin bed grey dolomite

L-18/7/76-3 - 4700', close

to previous description

- * Soil, light brown, 2-6" down, mod. slope, lots rock fragments
- across gully bed 140/75° SW

- walked onto narrow shoulder cliff & up to 500' \rightarrow
- walked along shoulder hinge S.E. & along base of highest cliff's dolomite

- ^(below) ~~at~~ highest point, talus of red breccia
- some is red + some yellowish grey weathering
- same thing as seen below?

L- 18/7/76-4 - 5670'

- med grey, yellowish grey weather, 1/5 (argillaceous), thin bed, platy, some weather red.
- bed 350/60 E

- down → 5500 back to dolomite
 → 5400, red breccia seems to be concordant(?)

- 5. ≈ 5180'

- mod slope
- soil; med. brown, 2-6" down, full of fragments

July 70

Teardrop Mtn

- Lucien 15' wide at top, silicified ~~breccia~~ dolomite (chert) with no minerals; ~~very~~ bleached + reddish breccia → lots galena

Showing evidence of lucky barite → striking $80^{\circ}/65^{\circ}$ N. ; breccia rocks

Survey marker, breccia fracture zone I think striking ~ N.

827/5W June 26/76

Stanford Range

Lucien Pb-Zn occurrence
& Lucky Barite

- Drove old highway
across Reserve at

Windermer for 5.3
miles then turned
easterly on gravel
road. Took 2nd left
turn (easterly) on very
poor road and stopped
~ 1/4 mile on it. Traversed

~ 400' below cliffs
- Dolomite pinkish grey,
grey weathering → E₁

E-26/6/76-1 - across

gully to north & below

cliff → fragments rusty
dolomite breccia

Soil & talus fines sample

- reddish brown, at surface
close to outcrop, steep
slope
~ 4350'

L-26/6/76-2 - elevation

~ 4500', rusty sheared
& brecciated dolomite

- sample talus fines,
nearby but not below
rusty outcrop, dark brown
soil near surface

L-26/6/76-3 - top of

hill but sloping
towards gully to the
south

- Soil, brown, with
rock fragments - 2 to
5" down.

Elevation: ~ 4825'

Cliff below extensively
sheared ~ 240° to 290°,
& steep dips →
rust & breccia

#4 - 4250', small
Barite vein

- #5 - - 3800'

- last steep slope towards
Columbia
- Barite vein & trench,
vein 3' wide, replacing
& brecciating dolomite
- galena; one stringer
1" thick.
- some +ve zinc zap
- channel sample across
the 3' \rightarrow #5A
- 250°/65° N
- trace mal.
- bedding 15°/45° E
- About 100' down hill is
another trench \rightarrow a
porous, open, spongy
breccia filled with galena
stringers \rightarrow +ve zinc
- Rock sample #5B

L-26/6/76-6 - soil

- about 400' on slope southward from previous
- just before creek to south
- greyish brown, clayey, full of pebbles & rocks

L-26/6/76-7 - rock chip sample, barite vein 1' wide, traces malachite, +ve zinc Zps in places

- ~~grab sample assay~~
- bearing vein ~ 75°
- Close to red marker (survey ??)
- elevation ~ 3725'