

July 3 - sunny 840777  
Pedley Mtn. Area Pedley  
Pass

82-T/SE

- Drive Keoterry Forest Road

north east from Canal  
Slab. At mile 14 1/2,  
took north turn

- Stopped at Pedley  
Creek, about 5.8 miles  
farther on this road

- Walked westerly up  
ridge on south side Pedley  
Creek.

- Up hill, over grey  
l.s. conglomerate, l.s.

argil l.s. + shales; same  
up along ridge

- ss, qtzose bed 195/80W  
- el: 6250'

- further on, white qtzite  
contains my brown, <sup>is likely 53</sup>  
- 6100' bed 315/25° N

L- 3/7/76-1 - elevation 6030'

- into dark grey, light brownish grey weathering dolomite
- barite in float, + ve zinc gaps
- nearby other fragments with zinc
- others + ve Zn in tiny fractures in dolomite
- Sample grab.

L- 3/7/76-2 - 6220'

- up towards base cliffs
- outcrop ??, barite vein ~ 2' wide brecciating country rock; traces of galena + smithsonite in cracks + around fragments
- orog across sample
- vein parallel to slope rock nearby in brecciated

& fractured & show trace Zn

At 6500'

bed 280/15° **E**N

Farther up hill at 6550,

low parts cliff; fractures  
& veins slightly mineralized

Sample 2B → 1/2'  
near vertical fracture  
strike 40°(?)

L- 3/7/76-3 - el. 6690'

- top ledge over junction  
two creeks - more trace zinc  
in fractures & veins

- some fractures 340°/75° NE

bed 335/35° NE

- 4 ~ 7000'

- 2000' NW

- Dolomite close to quartzite  
- less breccia & rare

barite

- walking up narrow ridge  
less to no quartz + barite →  
down to breccia contact
- nearby towards gtzite  
are traces malachite &  
a purplish sulphide

Sample

L- 3/7/76-4A

Soil nearby, brown a  
at surface

L- 3/7/76-4B

Walked over top mountain  
& down dip slope to  
Kootenay R.

L- 3/7/76-5 6800'

Soil, brown, 4-6" down,  
full of rock chips

- 6 - 7 - 6300'

trace barite veinlets, one  
with minor Zn

July 4/76 - Cloudy & windy



Pedley area

- Walked up ridge to west (south of Pedley Creek) to area of July 3 Zn discovery

- walked below mineralized area ~ 6000-6100' & around corner over northward flowing tributary (west side of ridge shoulder)

L-3/7/76-1 - 6100'

- outcrops dolomite full of barite veins (with blocks of dolomite) + or Zn test at edge barite & in tiny fractures into dolomite

- extensive barite vein > 10' thick → sampled test to

2nd 5' Sample 1A  
upper 5'; 1B: lower  
5'

strikes  $\sim 270^\circ$  / steep S.

About 20' south of above  
vein is another zone extensive  
mining

- area in between is mineralized  
by less + with barite

Sampling across zone  $\sim 255^\circ$   
by - at 10' intervals

0-10' - #1D - across bank + dolomite

10-20' - #1D - across 2' dolomite  
+ 8' barite

20-30' - #1E - across nearly dolomite  
discontinuous  
channel

30-40' #1F - shift 15' down  
hill, dolomite  
with barite veins

40-50' 1G. Dolomite, lots  
barite + string

50-60' 1H. across dolomite  
with minor  
barite

---

- all samples across fractures  
with compressive vein

estopo

- all channel intervals marked with tape, but last of 14 (to south) is unmarked.

- some brite has red patches & holes → with some smithsonite coatings

- traces of galena here to ↑ Tributary Creek ↓



S. Sides 160/45°

- loss Zn & Ba: Fe  
along shalldate south, but  
brecciation on S. Sides

2-4/7/76-2 ~ 6100'

- a few 100' southward on  
slope, minor barite  
veins (no zinc) ~~of~~ few  
fragments talus with trace  
zinc.

- top Pedley Mtn 37°

- high peak 272'

- 3 - 6400'

barite vein + brecciation  
on slope max 2' wide,  
and traceable for at least 200'

- spongy semi-pisomite  
common

- ~~30~~ 30' up are exposed  
fracture faces on cliff  
with trace Zn

- top Pedley Mtn 217°

- " " Pacific Rainproof 273°



- both occurrences just described seem to follow

parallel slope (N-N-S), upper exposed along cliff face for at least 200'


- probably longer length & more veins

+  
+  
+

L-3/7/76-2

July 9/76 - cloudy, wet  
lush

- Pedley Creek
- ~~Mr~~ George La Form, Ray King,  
Rob Sargent
- staking of Pedley showing &  
prospecting
- walked up creek just  
past 1st steep cliffs &  
headed up south side
- 1st post at ~ 5500' &  
on dip slope of quartzite layer  
close to contact with overlying  
slates & l.s.

  
Checked showing over the  
mouth of the Pedley  
tributary  
- extends up hill but is  
narrower & less outcrop,  
goes up for at least  
300', probably joins

with staff in dolomite  
to east.

L-9/7/76-1 - 6700'

- narrow barite veins &  
stringers running up &  
down hill, blobs, blebs &  
stringers galena

- just south of Zn  
found on previous time  
here.

- further up hill ~ 6400',  
barite veinlets, breccia &  
fractures ~ 340°/vertical,  
zinc & barite follow this  
trend // to cliff face

- about 10 feet of this

sample #1, 4 feet across  
barite & dolomite breccia

- assay

July 19/76 - sunny

Pedley area with Larry  
Decker, Simpson, Subgent  
& Lomenda

- up high along ridge  
~ 6400 -> barite

330°/steep

- at showing ~ 80°/50-70°  
S

- thickness measured -  
90t of barite zone

Aug 3/76 - Scattered rain

Pedley Area

Showing mapping  
Lomenda - Sargeant

L- 3/8/76-1 - barite

- lx zone ~ 10' wide (+?)
- edge cliff
- numerous thin veins + breccias in this 10'
- rusty patches, pale marks in barite + dolomite
- traceable laterally?
- lots of the veins seen here & previous follow edge of cliff

70° 704°

50° by 195°

233°

Sample across 10'

L-3/8/76-2

- main. large breccia zones (vertical) @ 60° by
- other small fractures with Zn & Ba adjacent
- boxwork parts of Smithsonite in breccia
- sample of best stuff for assay

Main

Zone fraction ~ 150°

• Aug 4/74 - sunny  
Lomenda, Sargent

Prospecting up hill from  
Pedley Creek crossing strike of  
showing

- bed 335/30° E (cliffs dol.)

- el: 4950

~~4/8/76~~ - 5350

- minor barite veins but  
no Zn.

- brq 710° to top Pedley

L- 4/8/76-1 ~ 5970'

- Sample 6' across  
barite & barite zone  
12' wide

- mineralization at edge of  
barite & in barite  
barren fractures

- rusty, blobs of  
galena in some fractures  
trend ~ 70-80° S75  
steeply to south



120 Pacific Rim  
other veins nearby  
strike  $\approx 100-110^\circ$

Nearby is lowermost  
exposure of showing. Some  
veins these are flat  
- not much good exposure  
along strike of showing  
but it appears to  
be pinching out (?)

---

L-4/3/76-2 - 5930'

Bed  $105/25^\circ E$

- About 1-2' of barite  
breccia, semi concordant,  
traced to next lowermost  
mineralization & can be  
followed to station 72400

- large blobs galena;  
barite breccia vein

- 3

similar to before but  
4-5' thick; concordant

- extreme brecciation

with > 50% dolomite

fragments

- strongly displays toe  
in all over.

- boxwork pock marks  
seen on fresh surface

Sample

August 13/73 NTS. 8255E

Cloudy

Lomeda - Sargent

Pedley - "Star Mtn"

- bed 285/10 (7380')
- near next to high point of ridge

- 
- on dip slope below quartzite
  - bed ~~287~~ 128/23° E (6450')

- bed 160/43° E - below where lit off in chopper ~ 6400'

- bed 317/32° E (6760')

---

35' to 55' - 140°

At - 25' fracture zone broken 168°

August 11/76 - Fog patches  
N.T.S. -

Prospecting Pedley area, south  
along same ridge as showing  
- began just easterly of 7 small  
lakes, at drainage divide  
- bed 250/25 N

- Dolomite, with lenses of  
coral & shell fragments  
7400' el.

---

bed 160/65 W - el. 6700  
(over divide, close to small  
lakes)

~~L - 11/8/76 - 1~~

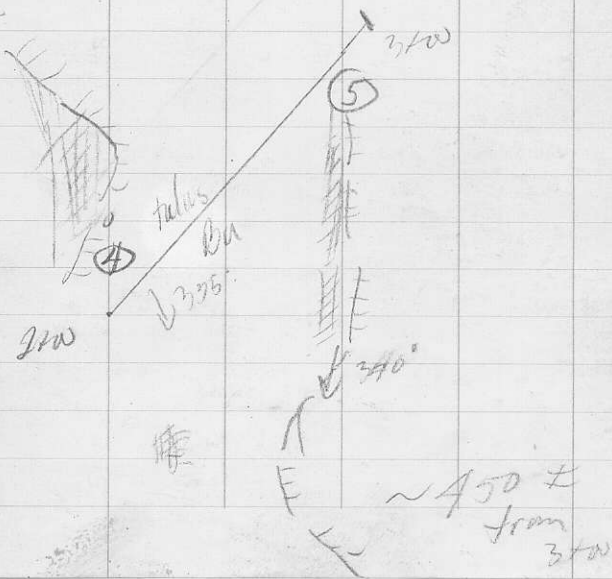
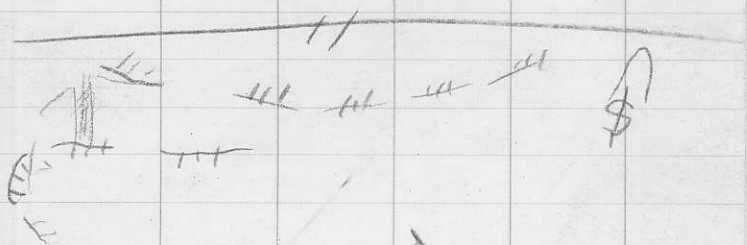
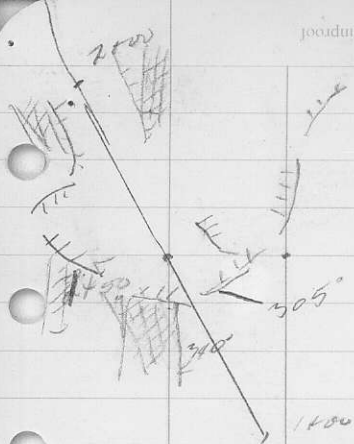
~~- Barite (?) vein 1 1/2 feet  
wide, with rounded slabs  
or fragments calcite~~

~~- No Zn~~

---

bed 305/70 NE at 6850'  
235/68 NW





Aug. 5/76

Wet  
Sargent - Lomenda

Staking Sten Claims at  
Pedley area

Tag # 05251

bed 320/45° E

Legal Claim Post began  
at creek at base rise  
going up mountain

Post at - 230' metres  
up hill by S.  
- el. 4500'

Brq. west

Conner Post - 4450',  
above creek

- crossed Pedley - 650 m

Corner Post

el 5150'  
25x2W

I.P. 25x1W  
el. 4800'

C.P. 25x0W  
el. 5300'

Bed 96/30°N at 5300'

I.P. 25  
el 5100'

L.C.P. → 150 S



# CANADA

1:50,000

89 90 91 92 93 94 95 96 97 98 99



89 90 91 92 93 94 95 96 97 98 99

SL 143