

83D/1E&W

005217

83DEC-12

BEND

1970

NOTES BY J.T.F.

From Rd 837 5171 E King Reservoir
Showers Sept 1/70

Bend Sharp Cummins R
Layers dip to west. 50-70°
Sulphide layer folded within itself
but not with the schist

Pyrite? mica schist in Fw-
4-5' thick then a garnet mica
schist

Sulphides associated with
quartz. ~~Left pyrites~~
locally with siderite. 50 to 70°

Shades up into calcareous garnet
+ mica schist + then buff micaceous
+ garnet bearing limestone?
Note a good lot of micaceous
grey chert + musc + garnet
This is Blue's or Byers map
+ is care of it with loc at
Cummins Bridge.

There is a "clean" loop
stream from camp.

Supine ls has w / = folds
throughout; note a isochlinal
symmetric? PROPERTY FILE

Sulphide layer mainly pyrite
some galena & sphalerite
some magnetite in the quartz

Zone extends east 200-300' in
elevation above creek up to bank
gradually tapping from con-
densed layer 15' thick near river to
zero 3 DDH. this summer.

(Pacific D Drilling) Best hole
205' in elevation below River
cut 25' from mouth of sulphide
layer 6% zinc less lead
This hole cut only 4-5 inches
of 2% zinc

John Stackwell
Sag.

Clare

Sept 19/67

Bend Swamp

Cummins River

Road below trench #1

DDH #10

B3300

AZ 50 dip 45 65'

collared

in ~~unit~~ ~~massive~~ quartzite

50' 5" long road is now ~~cut~~

sheared plate white quartzite

10' zone is mostly ~~oxide~~ 2-3' of

fine grained iron carbonate

matrix contains fine grained apatite

and galena

Hand trench #1

Rest of massive

limestone lies above the quartzite

in ~~qtz~~ l. 300/3 S, 135/36 SW

zone mostly iron apatite in ~~qtz~~

zone 20-25' thick ~~with~~ white

qtz on FW near 10' thick ~~qtz~~

4-5' - shape and attitude uncertain

contains fine grained galena +

apatite in ~~matrix~~ ~~of~~ ~~the~~ ~~limestone~~

apatite also as ~~inclusions~~

sheared quartzite

(3PF/205)

Trench #2

Rest iron carbonate

lying beneath grey quartzite

matrix schist contact 135/50 SW

Iron carbonate is localized
 locally massive. The formation
 which dip more steeply than
 hill east 50-75° this
 mostly weathered to absolute
 brown locally fresh (Sp FT-206)
 Kartz brownish. Part of
 lies beyond unit carbonate at
 end of trench. 145/355W platy joint
 modes to S. all showing
 magnesian this iron carbonate
 layer which outcrops along
 slope to WSW and makes
 water above the ground.
 ABM 4 on road DD410 el 3640
 Trench 4 elev 3950

In Co. area
 145 of 145/55SW platy phyllite
 quartz brown magnesian quartzite
 lots of SW NE folds & L. 145/0

Below this to DDH Ditch local
 to brown weathering, fine grained
 texture it with underlying
 grey garnet mica schists

100 20' of dol + schist between
qtz + gms. In this zone
and a number of 20' into
one fine quartz in mineralized
hematite pyrite interstitial
sphalerite massive sulphides
grading up into banded
pyrite and gms. phyllite quartz

Sp E7-209 208-209 from
E of collar of hole 29

Below this siliceous part of
pyrite zone show coarse
feldspar

500 / 115 P, 125/70
L, 125/10

in low siliceous

Pyrite zone 20-25' thick 4-6'
quartz calcite on the surface
good qtz gms on FW

average dip in H cliff 125/65 SW
5 side not oriented