



674207

BC 2067-103

August 4th/73

CAMP CHARLIE

DATE: July 28 - August 4th

LOCATION: Lion group

MAPS: 93 M/16E

SILT SAMPLES: Y-631 - Y-644

SOIL SAMPLES: numbered as grid points ~ 260 samples.

GENERAL: The adit showing was grab sampled at 10' intervals (see sketch) ^{next week}. Malachite and azurite with traces of chalcocite extended over 120' along the cliff face. Surprisingly only 2 small intervals had any veinlets and heavy dissemination of copper sulphides. It seems that the chalcocite is concentrated in more random patches than previously thought. Prospecting in the area around the adit showing failed to turn up any more copper mineralization with the exception of a small area of malachite-azurite + minor chalcocite a few hundred feet south of c-122 ^{LION 16-18-15 corner} along the cliff face, minor chalcocite was seen associated with carbonate veins in this area. This might be the cause of the high Cu content of c-122.

The geology map should be finished by next week (August 11th), it appears as though we will be able to finish off the area to the south ^(from this camp site) that is unfinished so a camp move to the south won't be necessary. Most of this area is underlain by sedimentary rocks (limestone, siltstone, etc.) and is very close to the typical Cache Creek group - (Phyllite, schists, etc.)

Marks + Don will need at least two more weeks (August 18) and probably more.

About 9000' SE of the Adit showing (Air photo BC 2067:103) there is an extensive section of black silty limestone, siltstone, etc. (JS-73-8-2-①②, etc.) that is highly fossiliferous with excellent preservation. Ammonoites, Brachiopods, clams, bryozoans, etc. are found throughout _{over} →

August 4/73

CAMP CHARLIE

the entire section. At least 2000' is exposed along strike and more than several hundred feet thickness. Strike is the usual NNW with moderate dips to the SW. The G.S.C. dropped someone off above the adit showing on Thursday but who ever it was didn't get far enough east to see the fossils. The Ammonites seem to be different than the ones we saw with Tom Richards on SKUTSIL Knob.

About the possibility of working with the I.P. crew after the 28th: Bryon and I would like to have the opportunity of we could get some ^{for a week at most} more details. Mark is also interested if three are needed.

Jo.