

Memorandum

Date 6/1/74From: Tim SmithTo: Bill CoxSubject: Weekly Rept. 5/28/74 to 5/31/74Copy To: Dor Long

The week of May 28th to 31st was spent in reconnaissance of the area between Grayback Mtn. and Tellurium Peak, Douglas Co. Oregon. This area included the Silver Peak and various other mines. The area is possibly related to the Alameda zone (Big Vank zone) to the southwest. The Silver Peak and Alameda mines contain banded massive sulfides, gtz and barite. The lithologic setting, mineral assemblage, shape and orientation of the ore bodies suggest metamorphosed massive sulfide deposits of volcanogenic affiliation. In this report I will discuss the mineralized zone as I saw it, the areas of possible significance and ~~propose~~ propose a tentative sampling program for the area.

The mineralized zone that I traced consists of primarily gtz - sericite schist with varying amounts of sulfides, primarily pyrite. The sulfides are usually found as coarse to fine grained disseminations. Locally they form bands, pods and lenses in the schist. In some places the abundance of silica in the schist has prevented good development of the schistosity. It also seems, as is common with these types of deposits, that the sulfides occur in greater quantity where the silica is more abundant.

In block A on the enclosed top map there are three areas of interest. The first in sections 5 + 6 is a ~60 foot wide gossan zone. Its length was not determined but may be up to 500 feet. The gossan here and

in sections 22 + 24 are very similar in appearance.

SUNSHINE MINING COMPANY

Doubtless
12/15/50

Memorandum

Date 6/1/51From: T. S. SmithTo: Mr. [unclear]Subject: Silver Peak & Golden GateCopy To: Mr. [unclear]

Page 2

The third area is the Silver Peak mine & Golden Gate prospect in section 23 & 26 of Block "A". The report by Sherman describes these deposits but their significance here is that they are both known to have contained good copper values. To look at the map it looks as if they are not on the same zone. However, I have previously seen abundant faulting in the area and the Silver Peak zone seems to be cut off to the north. The Silver Peak is massive granular sulfides whereas the gossans to the south ~~indicate~~ and north indicate disseminated sulfides.

In block "B" the continuation of the zone is shown in a road cut and small pit in section 13, (Sample SP-8). This is lenses, pods and disseminations of sulfides in siliceous schist. From this area ~~sample~~, a report of chalcopryite and bornite ore to 12% was made. This was from the Beaver Springs prospect.

Block "C" shows three mines on strike with the zone. These ~~are~~ mines were not visited but from the reports available they sound very similar to the ~~Beaver~~ Golden Gate and others.

In Block "D" ~~are~~ several areas of schist with sulfides were noted. In section 28, sample SP-4 dense siliceous rocks contain abundant pyrite pods and disseminations.

In these areas there is abundant sulfide mineralization. What we need to find is areas with associated copper

SUNSHINE MINING COMPANY

Douglas Co
R. 1, S. 1, E. 1

Memorandum

Date _____

From: _____

To: _____

Subject: _____

Copy To: _____

Page 3

Whoever will be running the sampling program might study the topography more closely so as to get the most value out of the fewest samples. The areas should be tested in order of importance (ie A, then B etc). Emphasis should be placed on maintaining consistent sampling procedures and the physical characteristics of the sample. These will mostly be dry gullies so the sample should be taken where there is a maximum of transported material. While there the Gold Bluff & Levens Ledge mines in Block "C" should be visited. I am sending top maps and BLM maps of the area showing the newer roads along with the data I picked up from various sources.

Samples taken 5/28/74 to 5/31/74

Sample	Location	Type	Assay
G-6-1	Sec. 23 T31S R. 6W	oxides from schist in trench	Cu, Zn, Ag, Au
G-6-2	" " "	diss. sulfides in schist, dump	" " " "
G-6-3	" " "	" " " " , adit	" " " "
SP-1	Sec 26 " "	oxides in sil. sch., road cut	" " " "
SP-2	Sec 29 T31S R. 5W	boxworks + gtz in grst., road cut	" " " "
SP-3	Sec 22 " "	oxides & sulfides in sch., road cut	" " " "
SP-4	Sec 28 " "	diss. sul. in sil. sch., road cut	" " " "
SP-5+6	Sec 19 " "	diss sul. & ox. in sil. grst., road cut	" " " "
SP-7	Sec 25 T31S R. 6W	ox. & sul. in sch., road cut	" " " "
SP-8	Sec 13 " "	" " " " " "	" " " "
SP-9	Sec 20 " "	" " " " " "	" " " "