

Scranton - Silver  
Star  
801080

November 6th, 1969

Mr. R. Dealy,  
Silver Star Mines Ltd. (N.P.L.),  
Ainsworth, B.C.

*M.A. Cope*

Dear Bob:

Thanks for two assay books and sketch of 5900 test holes received in today's mail. Seymour Lab. results received to date include your samples 11287-300, inclusive and 14501-516, inclusive re 5900 West test holes, and 1001-02 re. 5700 West vein. I expect that results for 1003-1042 inclusive, re. your additional 5700 level and transfer raise sampling, should start coming in shortly. The foregoing have probably taken a good part of your time, but the additional information resulting will be highly pertinent and much appreciated.

A set of 20-scale drawings, up-to-date as to the currently available information, are also going to you with this mail. I hope they will assist with your mine progress records and planning. The following paragraphs include some observations and suggestions re. the current and projected exploration-development program.

#### 5700 Level

(a) 57.1 (transfer) Raise; ref. Dwg. 69-4A.

The vein on 5700 level appears to situate very closely to the projected dip-extension of the 5900 level vein; therefore, aside from local dip deflections your raise should be going up on an average slope of about 55 degrees, also, if bearing directly up-dip, it could be expected to break into the 5900 level fairly close to station 59-7. I gather from Ed. that you are going through with a half (4' x 7' approx.) section, after which you will slash out to full size. This should permit you to smooth out any local dip-jogs that might have resulted from holding the vein at the same foot,

or hanging wall distance on all pilot raise rounds. Your current sample spacing should provide very adequate assay data.

(b) 5700 West Drift

Your recent slash and drift operations would indicate a pretty substantial extension of the currently-sampled 5700 level stope sill; however, incorporation of this into my currently calculated ore blocks awaits receipt of all assays resulting from your recent sampling.

(c) Suggested Exploratory Raises

These are based on results of the total 5700 level sampling to date, and include the two raises suggested during my last visit. Any one of the resulting raises could be extended, turned, and/or slashed to follow possible ore sections.

Also, some revisions of the following lay-outs may be required after evaluating the results of additional 5700 level assays now pending.

1. At sta. 57-6+60', to 40'-50' above drift back? *add Δ 7+40'*
2. At sta. 57-9+15', to 100'-125' above drift back. *" Δ 8+5'*
3. ~~At sta. 57-10+15', to 150'-175' above drift back.~~
4. - - - pending receipt of assays on your recent 5700 West sampling to the west of the current assay section.

*Feb. 14/70*  
*Subst 57-11-5'*  
*to be def schal*  
*for driving as*  
*transfer 5900-*  
*5700 lev. -*  
*urgently required.*

*also 57-11 +28' to 50'-75' subst Δ 11+70'*  
**5900 Level**     *- 13 +50     Δ 40'-50'*  
                    *- 14 +40'     Δ 40'-50'*

(a) Suggested Exploratory Raises.

1. At sta. 59-4+15', to ~~40'-50'~~ *to 6040 el.* above drift back; note that this one might serve as the preliminary development raise to the 6040 level, and from which this level would be extended S.W. and N.E. (surface break-out).
2. At sta. 59-5+30', to 75'-100' above drift back.

(b) Assays from the six 50-foot test-holes drilled into the hanging wall, and one in footwall, of the southwesterly end of the level failed to indicate a possible divergent vein segment. However, for a more conclusive test I think we should also test the foot, and hangingwall country via a pair of 100-125' diamond drill holes. These could be inclined at minus-10, and plus -10 degrees respectively.

GENERAL

Grade calculations re. the 5700-5900 interval of the main ore shoot are being deferred until such time as all

transfer raise assays are on hand. To avoid any uncertainty about actual sample locations, Bob, would you forward a preliminary sketch section (based on Dwg. 69-4A) showing your reference station or chaining point.

As you may have heard, the Seymour Lab's spectro-assays did not hold up too well with Coast Eldridge's conventional quantitatives; therefor, it would be best to send your samples to Coast Eldridge or J.R. Williams (pending enquiries as to their respective work loads. J.R. Williams may now be able to provide faster work than has been the case this past summer and fall.

So, until next trip or next news,

Best regards,

*W. M. Sharp*

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W.M. Sharp, P.Eng.

c.c. Mr. E. Borup.