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Silver Star, Montana,
Green Campbell Mine,
September 5, 1961.

U.S. Department of the Interior,
Office of Minerals Exploration,
Washington 25, D. C.

Re: OME-6156 (Gold)
Giebel and Patterson,
Green Campbell Mine,
Madison County, Mont.

Gentlemen:

With regard for your recent letter of Aug 25, 1961, and with reference to your previous letters of May 15 and July 27, as connected with our application for assistance in mineral exploration, we had reached the conclusion that all further action would bring but negative results.

However, since the making of that application, and, though we were poorly equipped and in bad financial situation to undertake any of the work we proposed to do, with any expectation of speed of accomplishment; we have, by dint of doing our own work, cutting timber and hauling same with the pick-up truck, doing underground and surface work without outside help, and, spending naught except for power, powder, and groceries, accomplished considerable of the work proposed in the application.

By beginning at the proposed point (as indicated on the map that was forwarded to you), we drove toward the vicinity which we considered would be the southeasterly edge of the indicated caved area. On meeting with that (edge of caved area), we found that it did not extend as far in the southeasterly direction as at first anticipated, and we continued to work along that edge (keeping a solid wall of ground on the left side of our timbered drift). This resulted in our meeting up with the old mapped drift some 60 feet easterly of the point marked (X) on the map which was sent with our application. We are herewith including a small tracing to indicate how this was accomplished.

As stated in our application, we found the old drift to be (for the most part) open, except for partially caved portions of no serious consequence, some wall sluffings, and much thoroughly rotted old timber. Some of the debris was trammed and hoisted for disposal at the surface, with a considerable part shoveled behing lagging of new timbering along the walls, and upon lagging of the back, where back lagging was considered necessary for protection of the workman.

At this date, the drift is now tracked, and in open working condition from the 200 level station to the end of the westerly drift indicated on the map. with the exception of the last 30 feet which was left as found, and dammed with a bulk head two feet high, for the purpose of collecting a pond of water, to be used as water supply to the drilling machines that would be used for the driving of the proposed crosscut (northerly), to cut at depth, any ore bodies that are expected to be found under gossans indicated on map forwarded for your consideration.

After sending in the application, we found that we had made an error in setting down the position of the indicated gossans, as follows:

we had stepped the distance along the (pocket compass bearing line) (N 70°W) from the collar of the Eagle Shaft, and had failed to convert the stepped distance to feet, so that the actual measured distance (by steel tape, recently applied) is some [illegible] feet along the line westerly from Eagle Shaft collar.

On the information indicated on the map as sent to you, the northerly cross-cut would have had its beginning some 100 feet west of the point marked (X) on the map, however, under the corrected information (as to distance from Eagle Shaft collar) the cross-cut has been started some 40 feet from the extreme end of the old drift, to extend along a bearing of about N 15°W to cut the downward extention of gossans indicated.

In the light of what we have accomplished by our own hand-work, we now consider that our application for assistance should be deleted of our requests for housing and machinery that was at first anticipated (the driving of new drift around the cave-in having been a great deal less then we had estimated), to include only, such funds as would be needed to drive the new northerly cross-cut from the old drift through the intervening ground for sufficient length to meet (or extend to) the contact of the older country rocks with the intrusion of the Boulder Batholith.

It is difficult to estimate the length to which the cross-cut will need to be extended, for the reason that, from the surface exposures of the Quartz-Monzonite of the Batholith, it is known to extend southerly, under older country rocks (which consist of Gneiss and Schist - some of the Schist differing somewhat in character from the Chlorite Schist along the dip of which the Eagle Shaft is sunk), and, at the depth (200 level) of the old westerly drift. It may be considerably closer to the old drift than is apparent from the surface.

Considering the rising slope of the surface from the Eagle Shaft westerly, we consider (without making accurate survey of such surface) that, the end of the old westerly drift will be some 130' vertically under the the surface of the exposed gossans (that is, on the level of the proposed nortlerly cross-cut) (surface at end of tunnel position will be higher).

The work has been difficult with but one man working underground alone, Mr. Patterson having accomplished this feat, with the exception of some assistance that Giebel has given him in doing the timbering, and, we now consider that, to continue with the cross-cut, we would have sufficient financial help to be able to hire at least two men, with ourselves to be allowed wages (for the purchase of clothing and groceries), and that, the funds supplied should be enough to pay for all power, powder, caps, fuse, bits, steel, machinery repairs, outside labor, ect., as will be needed to complete the cross-cut to the contact with the Quartz-Monzonite, (to also include timber as needed, and/or any supplies that might be required).

Enclosed herewith are the letters from the banks we had approached, and the Dec 31, 1960 balance sheet, which is compiled from our accounting system, carried out from double entry accounting for the

property as maintained by Mr. Giebel, 1947 to 1960 inclusive.

Under (Assets), the values therein found represent 48% of their book value as appeared in the ledgers of the Green Campbell Mining Company on December 31, 1946, after which we took over on January 1, 1947, whereupon we were required to reduce those values to 48% for the purpose of setting up the accounting system for the Giebel and Patterson Partnership. There, of course, have been cumulative changes in the values since 1947 as result of sale of some items and purchase of others.

Under (SURPLUS P & L), the figure of $68,206.19 represents the cumulative expenditures (or losses) to which we have been subjected since the W. P. B. gold mine close down order, except that it is cumulative for the period of our partnership beginning Jan 1, 1947, and extending to Dec 31, 1960.

There is also enclosed the small map to correct the position of the exposed gossans, and the position of the proposed cross-cut.

The gossans as now exposed show no great amount of values, in fact, they are very low, about $1.50 per ton, though we did pan some showings of free gold. We base our expectations on the heavy iron stain and the altered condition of the rock showings.

As to any of the surface showings on the property; surface values have always been low; but at depth, as found around the Eagle Shaft, the Siegchrist Shaft, and the old Green Campbell Shaft, values have run from as low as 35¢ to as high as $1,000.00 per ton in gold.

Such conditions indicate intensive leaching out of the surface with deposition under secondary enrichment at depth. However, we cannot predict with any certainty that profitable ore will be now found under the indicated gossans.

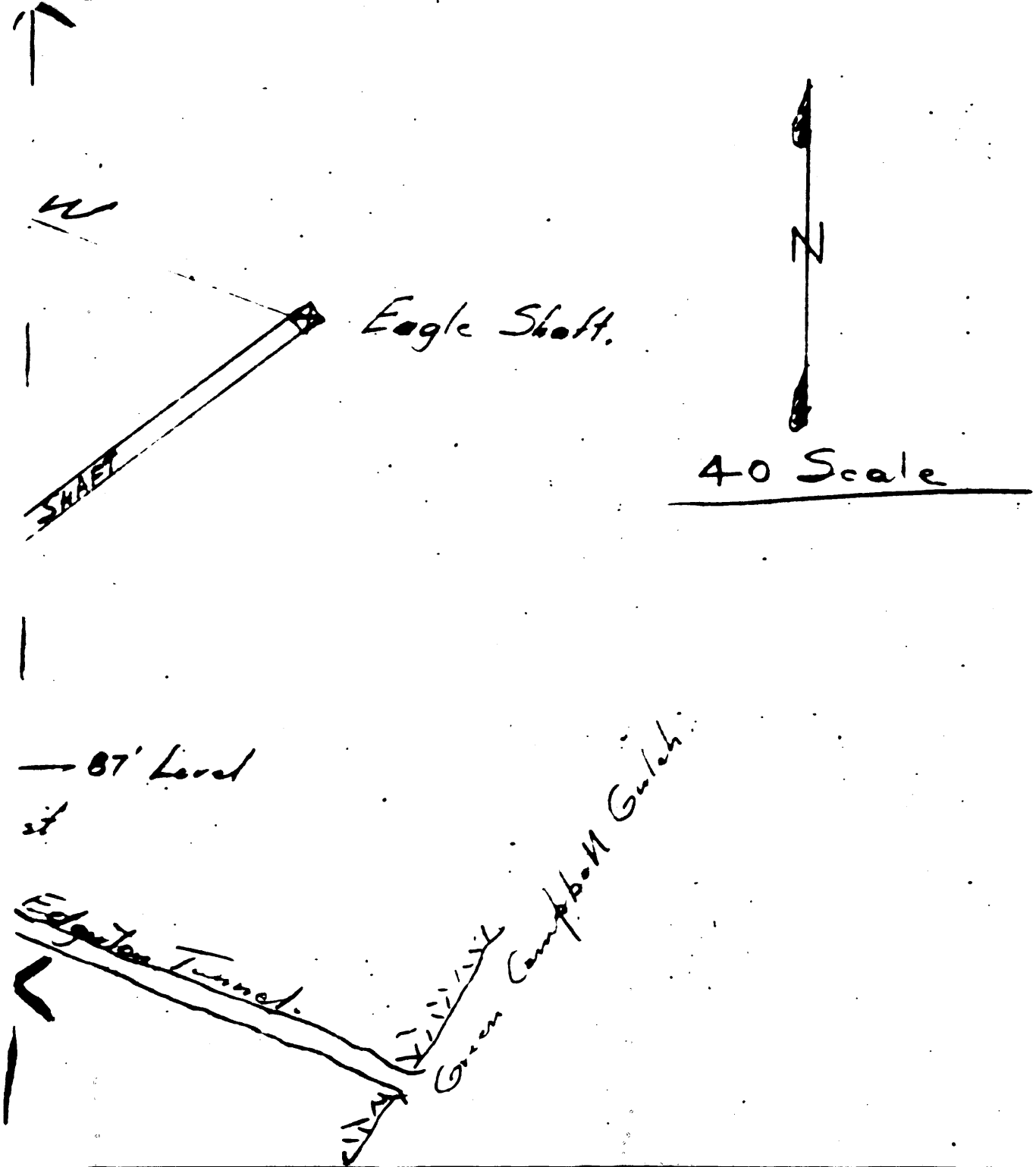
Future of the mine depends on Government's Policy as regards GOLD MINING, and, if gold and silver are placed at a price equivalent in line with the advances that have occurred for all commodities, this mine has millions of dollars of values from which to pay good profits.

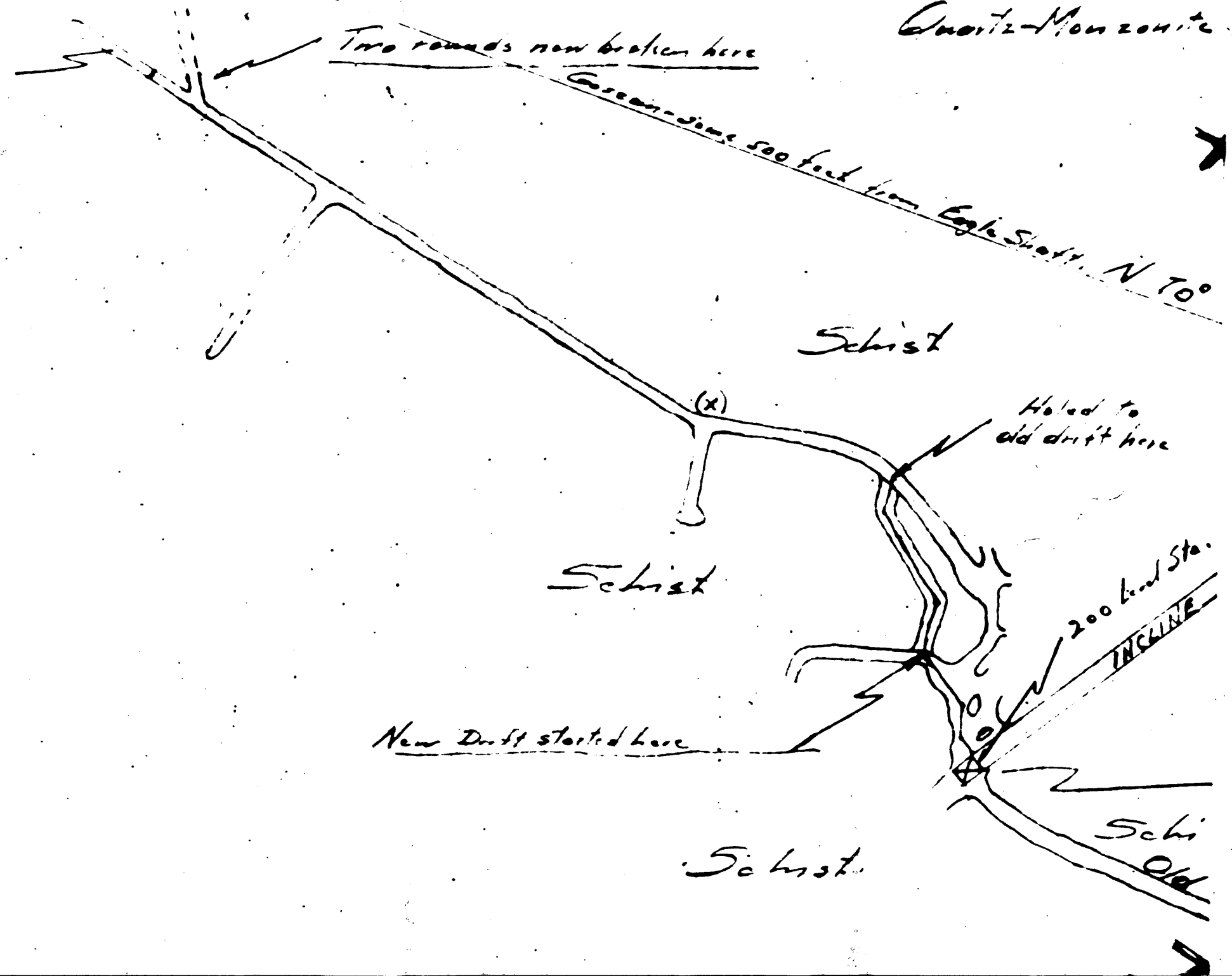
We are going to be away from the mine for a time, having been approached by a mine owner from Rimini, Montana, (vicinity of Helena, Montana, and six miles up from Rimini) to supervise the installation and connecting-up of the milling machinery for a 100 ton per day mill. It is expected that this will require some two or three weeks time, however, any mail, or your answer to this letter will still be received at our address, Giebel and Patterson, Green Campbell Mine, Silver Star, Montana, since we will no doubt be at the mine over the week-ends.

Hoping that we have now supplied the desired information.

Very truly yours,

/s/ W. C. Giebel
/s/ John H. Patterson


Eagle Shaft.
SHAFT
N
40 Scale
87' Level
Edgerton Tunnel.
Green Campbell Gulch


Quartz-Monzonite
Two rounds now broken here
Greenstone 500 feet from Eagle Shaft. N 70°
Schist
(x)
Holed to old drift here
Schist
200 level Sta.
INCLINE
New Drift started here
Schi
Old
Schist