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Re Turkey Creek Exam

April 3rd, 1936

Dr. E. W. Phillips
St. Luke's Sanatorium
Phoenix, Arizona

Dear Phil:

I have yours of April 1st enclosing your check for \$48.30 and I note that you have credited me with \$25.00 on the purchase price of the Monte Christo.

In view of temporary shortage of cash I certainly appreciate the way you handled this matter and only hope that my visit to Turkey Creek was well worthwhile from your standpoint.

Tullus came to see me a couple of days ago, and I do not believe that he or his partner intended to deceive you or themselves by sampling only the very high grade ore. This is a failing common to nearly all mine owners who nearly always seem to pick out the most attractive looking pieces of material in the belief that they will surely find more of this as their exploration advances. Tullus said he was of the opinion that there would be a big body of rich ore in the vein after they should advance their workings in under the mountain, although, as I pointed out to him, the evidenced which was to be gained from the tunnels already driven was entirely against this opinion and to really get in any long distance would cost many thousand dollars,--a perfectly useless expenditure in my opinion.

As to the Monte Christo I honestly think that this has merit and I am hoping during the next couple of months to carry on some development work at the Storm-cloud Mine a short distance away and at the expense of the owner. If this materializes I shall make every effort to personally accomplish at least one small bit of development at the Monte Christo where I think that some good ore may be found under the tunnel on the north side of the hill and will let you hear later how this turns out.

Very best regards, and I hope you are feeling much better than last week and I will soon be seeing you.

Sincerely,

J. W. C.

Turkey or Tullus ^{mine} ~~Project~~

Tullus Claim

March 31st, 1936

Dr. E. W. Phillips and Cal Boice
St. Luke's Sanitorium
Phoenix, Arizona

Dear Sirs:

omit?

Copied
OK

The property which I understand now belongs to Tullus and Tom A. Nelson was visited by me as per your request on March 29th, 1936. I was guided to this by George Nelson, father of Tom. It consists of three (3) unpatented mining claims (about 60 acres) located near Turkey Creek (Black Canyon District, Yavapai County) four miles from the store at Cleator and seventy-five (75) miles by road from Phoenix.

The main workings on these claims are located along the bed of a dry creek one-half mile north of Turkey Creek, which is the nearest point at which water can be obtained and along which runs a rough road from Cleator to the Black Canyon (Thunderbolt) Mine.

While no detailed study of the geology was made it appears that the country is mainly sericite and amphibolite schist, known as Yavapai Schist, but the workings are in an intrusion of quartz-diorite which has tilted the schist almost to the vertical and stands out prominently for a height of several hundred feet. Apparently this dyke of diorite has been faulted and thrown in many places and along the creek a fissure some twenty-five feet wide has been filled with quartz and porphyritic rock heavily stained with iron oxide. The ore bearing vein is

found in a nearly flat seam dipping only some ten degrees from the horizontal toward the southwest and having a noted width of from eight inches to two feet. The filling of this seam is largely quartz and wall rock with pockets of galena (lead sulphide) carrying silver values. The attached drawing will give a rough idea of the principal mining work, ^{cut} practically all of ^{the development work} ~~which~~ was done by previous operators since Tullus and Nelson have only had the claims for a short time and have merely scratched around with a pick in what appear to be the richer pockets and sorted out a little ore, much of which I suspect was broken by their predecessors.

Some think that this vein is a continuation of the similar vein in the Silver Chord property which lies on the other side of a high ridge to the north, and has been a producer at intervals of silver ore. The Tullus-Nelson showings have been known and worked for many years, their discovery appearing to be lost in recent antiquity.

About twenty years ago I was told that a miner locally known as "Three Finger Jack" sorted out and shipped some high grade silver ore, later the property passed into the hands of a certain Art Davis, who called it the "Silver King" and gouged out a little ore at intervals until he died some seven years ago after which the claims lay open until recently relocated.

The samples which I took on the property (at the points ^{and} marked (x) on the attached pencil sketch) gave the following results:

No. 1	7.3 oz. silver
No. 2	2.2 oz. silver
No. 4	.2 oz. silver
No. 5	2.8 oz. silver

Sample of J. J. J. J.

Parkley

Another sample was taken from something over 100% of high grade ore which had been sorted out by the present or former workers and placed in sacks and in a wheelbarrow. This ore assayed 57.2 oz. silver; gold .08 oz; and 11½% lead. The gross value of this sorted ore would be \$57.00 per ton and the net value about \$30.00 after allowing for transportation and smelter charges and deductions. A composite sample of Nos. 1, 2, 4, and 5 assayed silver 3.0 oz; gold .01 oz. and a trace of lead, value a little over \$2.00 per ton. This, I believe, would represent a fair average of the ore in the vein outside of the high grade pockets. It is very evident that this lower grade of ore is not commercial under any conditions, and I am inclined to believe that on the average at least ten tons of ore and waste would have to be mined in order to sort out one ton of high grade ore even when every effort was made to confine operations to the best portions of the ore shoot. If we figure mining costs at \$2.00 per ton there would be very little profit at best.

I noticed particularly that in everyone of the tunnels which I entered the vein appeared to tighten up a short distance away from the ravine and in the breast of the longer tunnels practically no vein was visible. It is my opinion that the lead and silver mineralization was probably derived from the quartz-filled fissure along which the gulch seems to have formed, this being of softer material than the diorite. Therefore, I would not expect that any substantial quantity of pay ore would be found anywhere in this vicinity, although there are doubtless a number of small high grade pockets in comparative proximity to this fissure which could be gouged out in future as has been done in the past.

This prospect appeals to me as only suitable for "gophering" by experienced and skillful miners who have a good nose for ore and are expert with the single-jack. Such men might work with profit following the procedure of previous workers and with no capital investment other than steel and dynamite. All of the work done in the past representing some 200 lineal feet of tunnel and a lot of additional gouging in the sides of the wash was done with hand steel and while it is true that the diorite rock is extremely hard and such work is very slow and strenuous I can see no good reason to adopt any other method or invest any capital in equipment.

The proposal to install a compressor and air drill is by no means simple or inexpensive. It would first involve the building of over half a mile of road through very rough country, next the installation of a pump at Turkey Creek and pipe line to the workings, (unless the circulating water were to be brought up in barrels)--then one must secure and install the compressor itself, receiver, air drills with steel and hose and a suitable blacksmithing equipment for sharpening the steel. The cost of all the above, even assuming that second-hand equipment were purchased, could hardly be less than \$2500.00 and would probably exceed this figure.

To work a flat and narrow vein of this type is expensive and much more waste would be broken by a machine drill than by hand, involving a great deal of sorting to bring up the value of the ore to shipping grade.

The costs of shipping and marketing any ores from this district are bound to be high at best.

To sum up the situation I cannot advise you to invest any money at all with Tullus and Nelson in order to provide them with such equipment as they desire. If these men were experienced miners and wanted a small grubstake the situation would be different, but if they were men of experience I think they would choose a different location for their activities and should they now carry out the plans which I understand they have formulated I feel that the chances are all against their being able to make any money from the ground which I visited or repaying even a small part of any loan that might be afforded them unless they should be lucky enough to dispose of their holdings to someone who would take a far longer chance that I could recommend.

Yours very truly,

J. M. C.

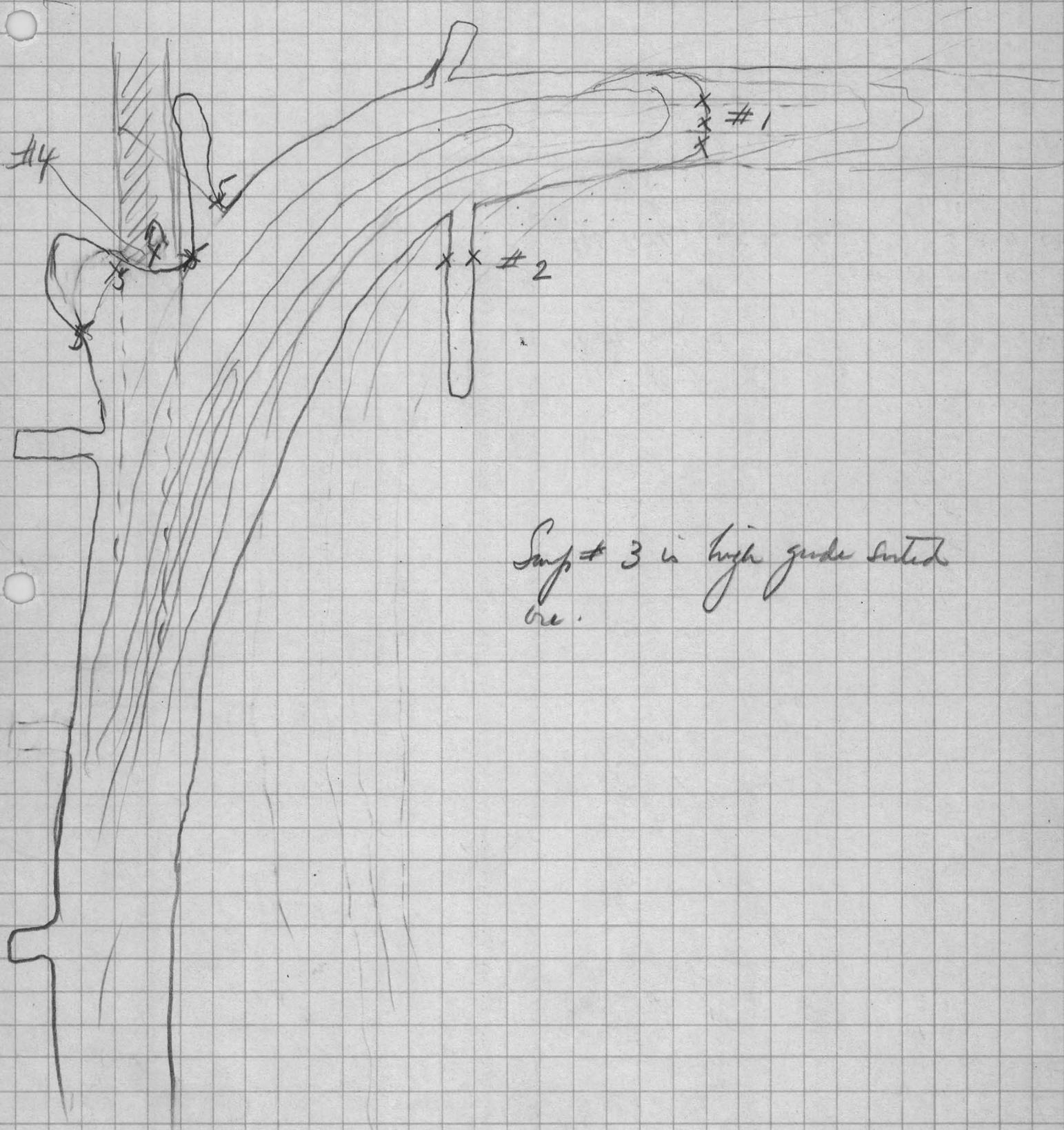
GMC: DF

ENG:

4/1 36.

about

Tullus called & said that they had ~~some~~ several tons of ore sorted out on top of the hill which I did not see. I thought that the flat mine near the junction would be if they had in fact any & I see no prospect of the



Samp # 3 is high grade sorted
bre.

Financial Forecast

Jan. 1936

Credit

Debit

	Credit	\$								
1	Bal forward	129	>	2	Light & Ins.	17	58			12
5	Smith acid	80	>	3	Consumer Credit	23	53			12
10	Crater Co. (water lease)	125	>	10	Katrina & Anthony	40	00			19
12	A. Binn. Inc.	30	>		Steno 4 1/2, 18, 25	77	50			125
15	Wm. Aubert 150	150	>	13	Office bills phon. etc.	12	50			113
30	S. Wm. paid 2000+		>	10	" " " "	60				
	Consumer deal ?									
20	Kellogg (lease) 700+	70	>		Bauer	42	4			113
30	Salem Tel.	150	>		Hunt 105.90	25	90			127
	Russell		>	15	County Club	20	04			113
	Wm. Clement		>		Ridg	60	0			
15	Kella f. and Staff		8		W 16 G. Spt					
	House rent				" "					
18	Y. f. P. D. S. i.				" "					
	Pacific Report 250		>		Yale Club	7	40			124
	Salazar				Mr. Johnson	11	00			
	Carter				Alb. & Fitch	10	20			129
	Smith Co.		>		Lee Schenck	15	06			125
	Sale brackets & 4 lbs	60			Trust Savings f. P.K.	15	00			
	Wm. Rca f. exp	100			Auto In & Club	35				
			>	8	M.	50	00			111
			>	18		40	00			118
				17	Yale Supt. Inc.	2	50			131
				3	North Eng. Inc.	3	00			131
			>	27	Membership	25	50			125
			>	25	M.	50	00			125
					Bill Baldwin (int. invoice)	3	34			12
					Auto Club dues	12	00			
			31		Yale Alumni Society	19				
					Keg & hot	50	00			129
					Phil 25.50					
					And L 50.00					
					Bill B. 52					
					Johnson 65					
					Membership					
					To 20th pay 350					
					min 385					