

(3.0, 3.9)

July 67

63° 12'
112° 30'

(1)

Talkeetna
Yard Co.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Juneau

PE-067-01

PE
67-1

Nov. 20, 1925.

Mr. Frank Wells.
Colorado Station,
Alaska Railroad.

Dear Mr. Wells:

K-67-14

I am forwarding my report on the Golden Zone Property and also three copies of the plan of sampling.

For next years assessment work, I suggest that You have the surface trenches shovelled out and exposed in such a way that an examining engineer would have no difficulty in obtaining samples from the croppings.

I would be pleased to hear if any new strikes have been made in Your district this fall.

With the best of wishes,

Yours Very Truly,
[Signature]
Metal Mining Assistant.
U. S. Geological Survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

The Golden Zone Property.

kt 67-14

Examined by J.G. Shepard.
U.S. Geological Survey.
July 1925.

The Golden Zone, otherwise known as the Wells Brothers Property, is situated at the head of Bryn Mawr Creek, a tributary of the West fork of the Chulitna River. A good horse trail has been made from Colorado Station, on the Alaska Railroad, to the West fork of the Chulitna, near the mouth of Colorado Creek. At this point the River is forded and the horse trail continues to the prospect. Distance from Colorado to the River is 6 miles. From the south bank to the prospect is 3 miles, the last 2 being fairly steep.

The deposit is conspicuous by the reddish appearance of the knoll which forms it. This knoll is composed of altered acidic rocks of a granitic and porphyritic type. The orebodies lie in, or are adjacent, to this area.



Showing surface cut.



Tunnel portal.

Mineralization occurs both as massive and disseminated sulphides. The predominant mineral being arsenopyrite. The main mineralized area is about 120 feet wide. A 7 foot streak on the west side is clean arsenopyrite, the remainder veinlets and disseminated sulphides. Intervaled trenching has been done on the surface and 225 feet of tunnel work driven into the area from Bryn Mawr Creek gulch. On the east side of the gulch, a 4 foot vein

of massive arsenopyrite mounts the hill at an angle of 30 degrees. This vein has been trenched for 750 feet and is constant in width and character throughout the exposure.

Sample returns show commercial values and a large tonnage could be developed. Further investigation is warranted.

IN ANSWERING REFER TO No.....

DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

| | | oz. per ton | | percent | | |
|----------------------------|--------|-----------------------|-------------------------|---------|--------|---------|
| | | Gold- | silver | lead - | copper | |
| McCallie | 1..... | Face of drift | 6 ft. wide | - | 1.10 | |
| " | 2 | " " " | 8 " " | | 2.90 | .23 |
| " | 3 | Open cut highgrade | | .34 | 33.49 | 6.30 |
| " | 4 | across ledge | 12 ft. wide | .30 | 8.90 | |
| " | | " " " | 10 " | .08 | 1.20 | |
| Hector | 1 | vein | 7ft. wide (broad pass) | .12 | 4.40 | 7.07 |
| " | 2 | " | 8 " " " | .80 | 3.10 | 3.43 |
| | | | | | | arsenic |
| Golden Zone (Wells Bros.) | | outcrop, | 100 ft. wide | .24 | 1.20 | |
| " | " | " " Highgrade | 7 " " | 2.52 | 5.10 | 22.91 |
| " | " | 1 tunnel beyond drift | | .08 | 5.30 | |
| " | " | 2 | 18ft, wide | .94 | .20 | |
| " | " | 3 | 30 " | .10 | .20 | |
| " | " | 4 | 30 " | .08 | 3.20 | |
| " | " | 5 | 6 " | .16 | .08 | |
| " | " | 6 | 6 " | .10 | .50 | |
| " | " | #2 vein | *ighgrade 4 ft. wide. | .86 | 11.60 | 18.10 |
| Riverside | | white capping | 4ft. wide | .82 | .30 | 26.96 |
| " | " | west vein | " " | .74 | .60 | 39.15 |
| " | " | east | " 10 " | .28 | 1.20 | |
| Nothern Light | | lower cut | 10ft. wide | .88 | 7.30 | |
| " | " | " highgrade-picked | | .26 | 20.70 | 23.89 |
| Center Star | | 30 ft. out crop | | .12 | .60 | |
| Lucrative | | 25 ft, outcrop | | .14 | 1.50 | |
| North Pole | | 15ft. shaft | 4ft. wide | .10 | .60 | |

735.409

Connerce

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XXXXXXXXXXXXXXXXXXXX

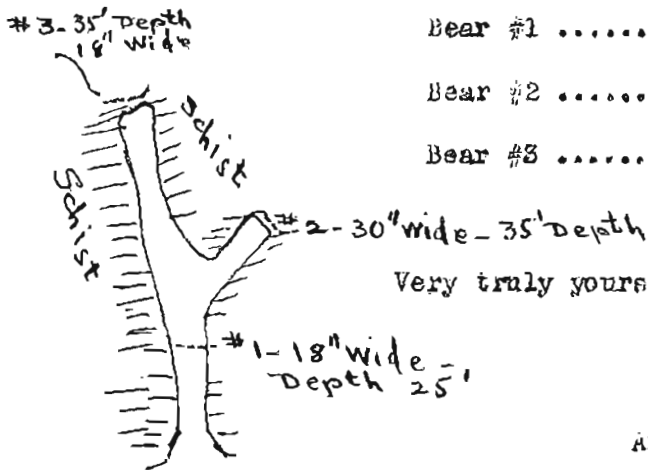
August 20, 1925.

Mr. J. G. Shepard,
U. S. Geological Survey,
Anchorage, Alaska.

Dear Mr. Shepard:

Your samples marked as below, submitted Aug. 15
by mail to be assayed for gold and silver, contain as follows:

| <u>Sample</u> | <u>oz. per ton</u> | |
|---------------|--------------------|---------------|
| | <u>Gold</u> | <u>Silver</u> |
| Bear #1 | 4.72 | 1.50 |
| Bear #2 | 0.08 | 0.20 |
| Bear #3 | 0.04 | 0.10 |



Very truly yours,

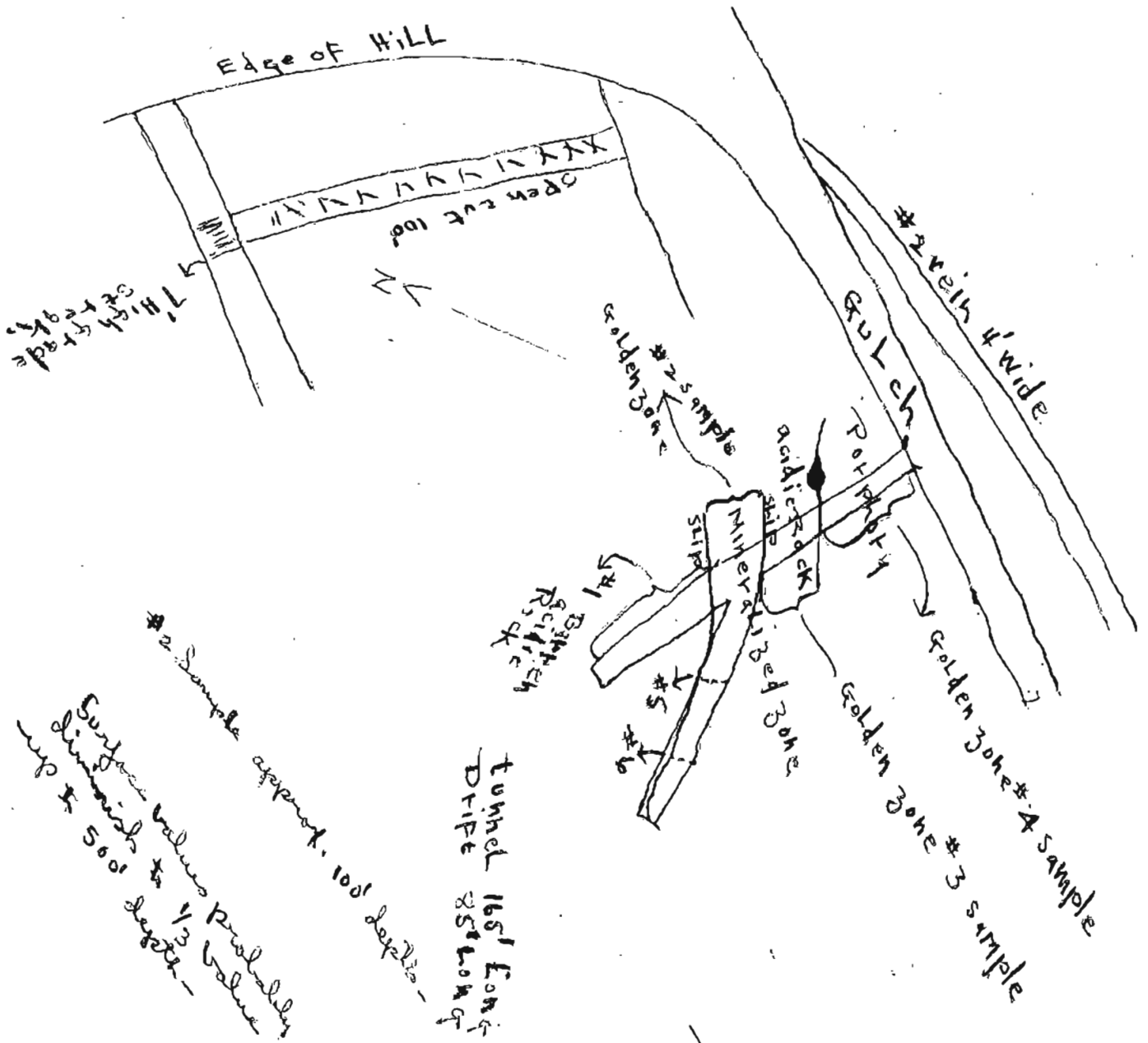
P.H.

Paul Hopkins,
Anal. Chemist and Mineralogist.

Assays 0409-11

*See you values from 1 1/2 to 1/2
or per over 350' length -*

Golden Zone

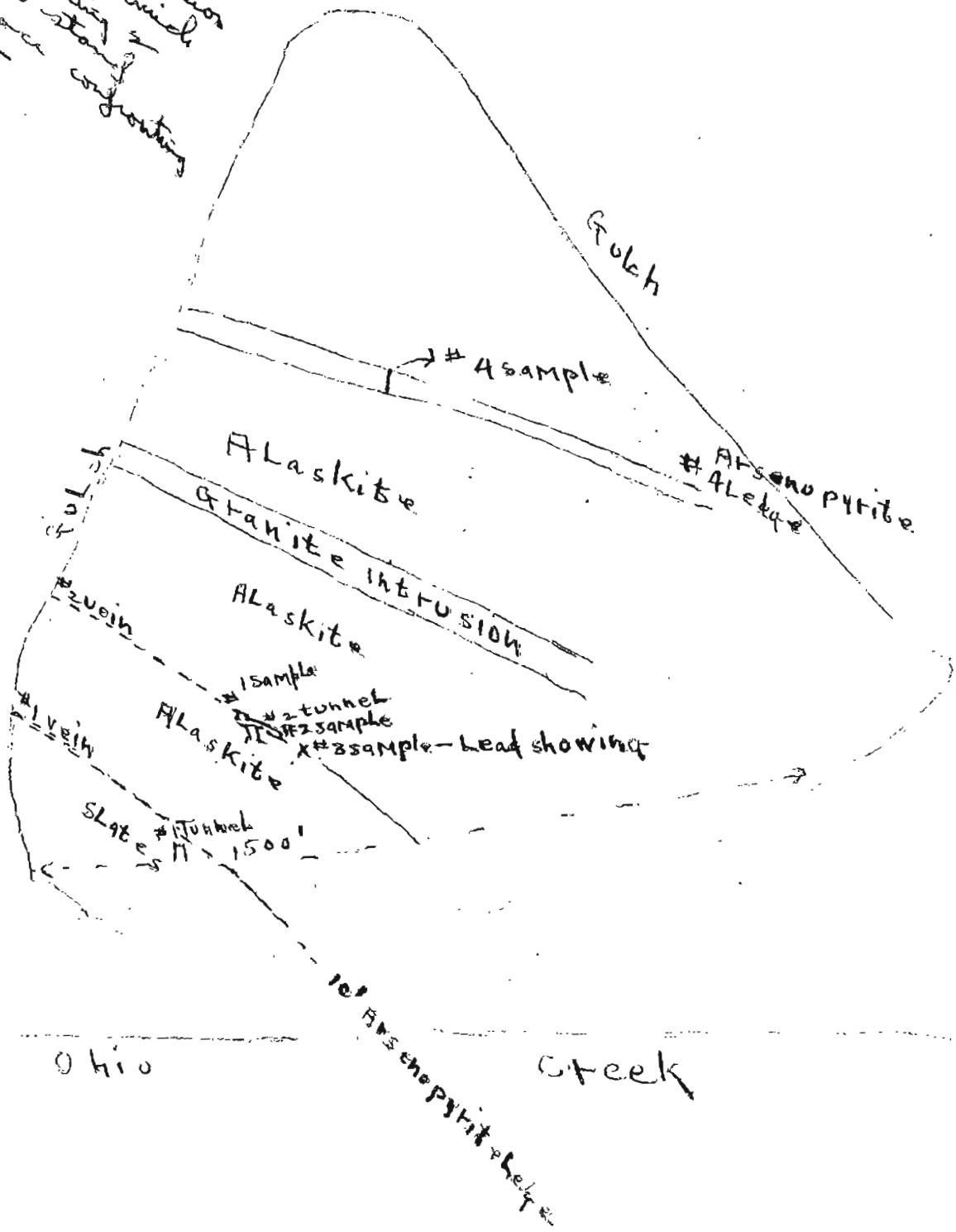


See Tunnel 165' Long DRIPE 85' Long

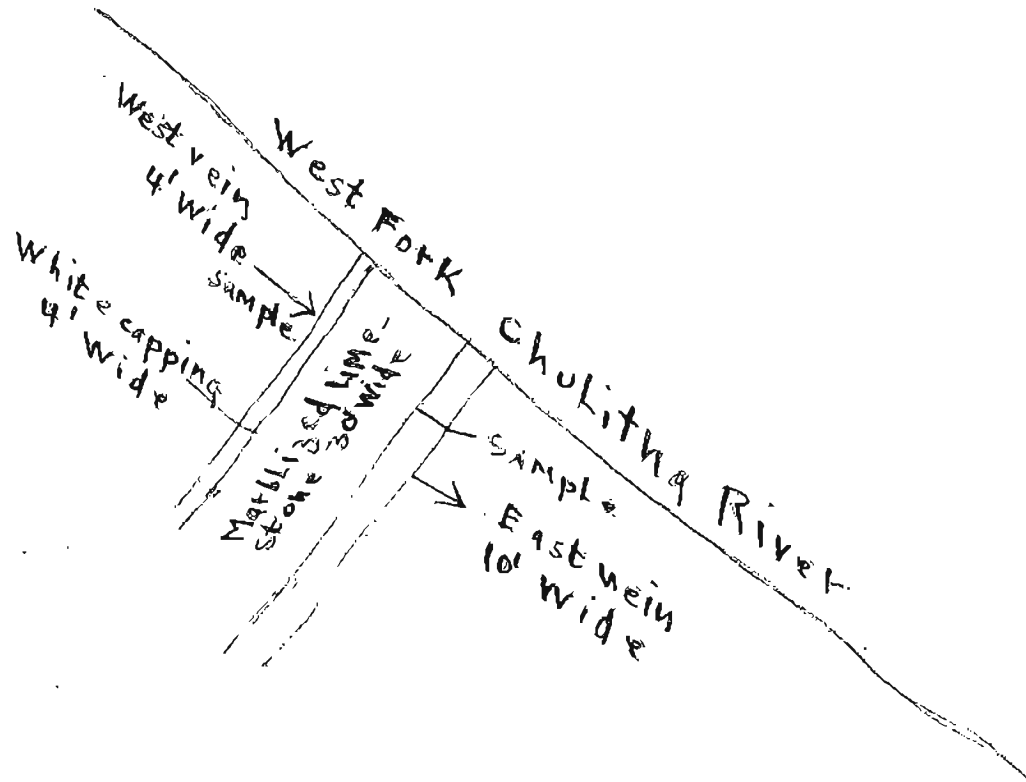
North West

McCallie Property

Mineral zone is intrusion
 shaped like a pyramid
 with faces gulch like a pyramid
 with faces - veins cutting
 out across face standing
 the Ohio river - confronting



River side -



EL. 150'

SKETCH
of
GOLDEN ZONE PROSPECT
Tahketa-Precinct
scale 1"=40'

by J.G. Shepard,
July 1925 U.S.G.C.

Distances and directions
approximate

vein 4' wide

(37)
Grab Sample
from open cuts
0.86-oz gold per ton
11.60-oz silver per ton
18.10- % Arsenic



(55)
Sample 6' wide
0.10-oz gold per ton
0.50-oz silver per ton

(54)
Sample 1' wide
0.16-oz gold per ton
0.80-oz silver per ton

(56)
Sample 60' wide
0.08-oz gold per ton
0.30-oz silver per ton

EL. 00

Porphyry
Sample 35' wide (53)
0.10-oz gold per ton
3.00-oz silver per ton

Altered Acidic Rock

mineralized zone 100' wide

(51) Sample 7' wide
2.52-oz gold per ton
5.10-oz silver per ton
22.91- % Arsenic

(52)
Sample 100' wide
0.24-oz gold per ton
1.20-oz silver per ton

Contour of Hill

