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Scale # 1" = 300'

Monzonite
Intrusive

strong spec. Hem.

Irreg. banded qtz.
stringers & silic.

strong brecciation
& silic.



Strong Cu

Shaft

Incline

qtz. & barite
stringers

40' shaft

15' shaft

600' shaft

Vein of brown hem.,
qtz. stringers, barite

strong barite

7

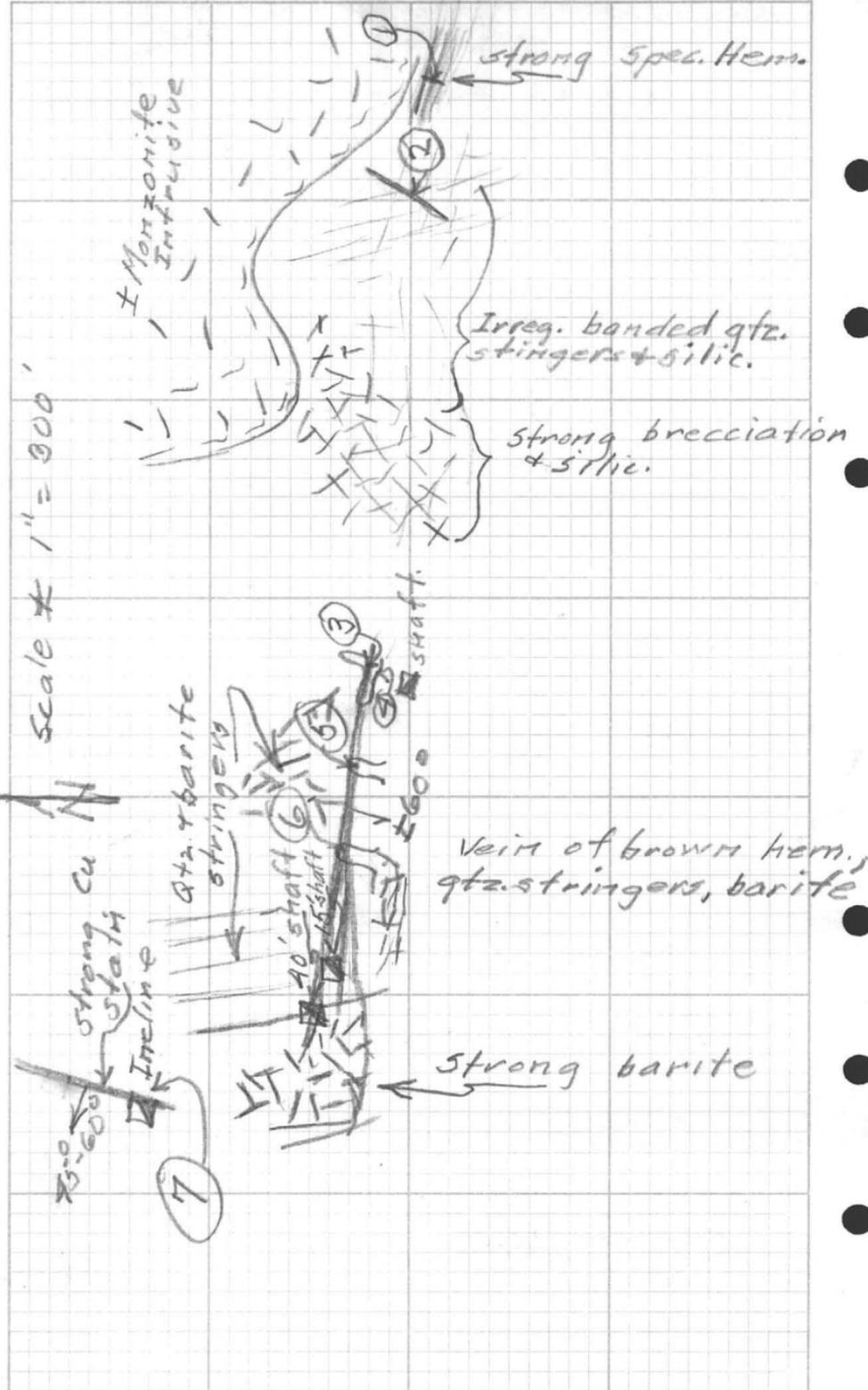
3

5

6

2

1



Samples

(1)

7' cut across highly fractured, steep vein - eastern end
- near monzonite
- footwall indeterminate
- Qtz stringers disseminated
- metallic hematite

(2)

75' grab sample
- Not accurate
- Float
- Zone of EW and NW-SE fracturing and qtz. stringers

(3)

5' cut across high grade vein - Reddish brown hematite like material
- fine gold visible
- some qtz. & barite
- on right side of tunnel entrance
- Vein strikes \pm NW-SE
Dip \pm 50° S - irreg.

Samples

④

Same as ③ but
on left side of
tunnel — 3' cut



⑤

11' across min.
zone — qty. of barite
— hematite (metallic
& brownish)

⑥

across 8' of vein

⑦

Grab from dump
of 20' incline on
copper vein —
Not very accurate
— strong copper
conglomerates & silicates

Samples

(8)

To be combined as
one sample for
assay —

(9)

16' cut along west
wall of crosscut
at bottom of 80'
shaft. —

Not definite whether
in main vein
or not. —

Otz. & barite &
metallic & brown
here.

(10)

2' cut across vein at HW

(11)

2' cut " "

(12)

2' cut " " at FW

NS vein Dip $\pm 45^\circ$ E

Agnie Miller - Blind Miner

Blind Miner's Mine

Kenyon Richard, Asst. Geologist

Kimberly

J. B. Haffner, General Manager

October 21, 1938

EXAMINATION OF THE BOULDER ARIZONA MINING PROPERTY

The Boulder Arizona Mining Company property is located six miles east of Boulder Dam within an area of rugged topography. It is reached by following the main highway across the dam three miles into Arizona. Here a narrow, winding road turns sharply to the left and climbs to a point approximately 1,000 feet above and two miles distant from Lake Mead.

The property lies in an area of extensive volcanic flows overlying quartz monzonite. The volcanics have suffered considerable fracturing and faulting; and within an east-west zone, roughly, 1500 feet long by 100 feet wide, these faults and fractures have been mineralized to form a discontinuous and irregular pattern of east-west and north-south veins.

The strongest vein, which consists of irregular stringers of quartz, barite, and metallic hematite, is poorly defined on the surface for some 300 feet. This was sampled from shallow surface cuts and a short tunnel (samples Nos. 3, 4, 5, and 6), and from a crosscut at the bottom of an 80-foot shaft (sample No. 8). Free gold is occasionally visible in a brown alteration product of the volcanic rock occurring between and adjacent to the stringers of quartz and barite, but this is evidently quite sporadic in character.

The remainder of the samples were from other short veins of similar character, with the exception of sample No. 7 which contained some copper carbonates.

The low results of all the assays and the "pockety" nature of the gold occurrence show the property to be of slight interest.

/w

FROM Kenyon Richard, Asst. Geologist

CITY Kimberly

TO J. B. Haffner, General Manager

DATE October 21, 1938

SUBJECT EXAMINATION OF THE BOULDER ARIZONA MINING PROPERTY

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/w

Las Vegas Dist - (Ac) (See Arizona)