

REPORT  
GOLD QUEEN PROPERTY

014773

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On September 28, 1967, I examined the Gold Queen Property on Keno Hill, Yukon. To date, underground development consists of 83 feet of crosscutting and 52 feet of drifting. A small raise round at the extreme southwest extension of the drift exposes the vein up-dip for 3 to 4 feet above the back of the drift, and, 6 feet north-east from the access crosscut, a raise 4 feet wide by 3 feet high exposes the vein for 8 feet up-dip from the back of the drift.

New development consists of the two raises, plus a 10 foot extension of the crosscut beyond the drift.

Sampling and mapping of the new crosscutting, the southwest drift and raise, was hampered by the muck-pile, which allowed a maximum 3 foot crawl-space. Only one rib of each raise was sampled, the other having caved. In the older workings, the walls were largely ice-covered, so that geological mapping was not possible.

The vein is situated in a fault zone about 4 feet wide which has a locally variable dip of from 31 to 60 degrees, and strikes approximately N70E. It consists of snowy-white, easily shattered crystalline quartz, interspersed with layers of graphite which vary in thickness from 1/8 inch to 1 inch. However, in the larger raise, a large proportion of the vein material is siderite, in which small (1/4 inch) blebs of galena occur in a random fashion. A small amount of malachite stain was noticed in the vein.

Where sampled, the vein varied in width from one to two feet; where the vein splits into two or more stringers, overall widths range up to 3 feet. Samples were taken as follows:

#1 - specimen sample - galena in siderite from vein near footwall, larger raise

#2 - specimen sample - altered rock from hanging wall

#3 - chip channel on vein - 2 feet long - from new crosscut

#4 - " " " " - 2 " " - " " "

#5 - " " " " - 2 " " - " " "

#6 - chip channel on face - 2 " " - " " "

#7 - chip channel on vein - 1 foot long - southwest raise.

#8 - " " " " - 1 " - " "

(#8 is 2 feet up-dip from #7)

#9 - chip channel on vein - 2 feet long - from back of large raise

#10 - " " " " - 2 " " - " " " "

#11 - " " " " - 2 " " - " " " "

(#11 is 4 feet down-dip from #10)

NOTE: Sample widths and locations dictated by limited accessibility.

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1" = 20'

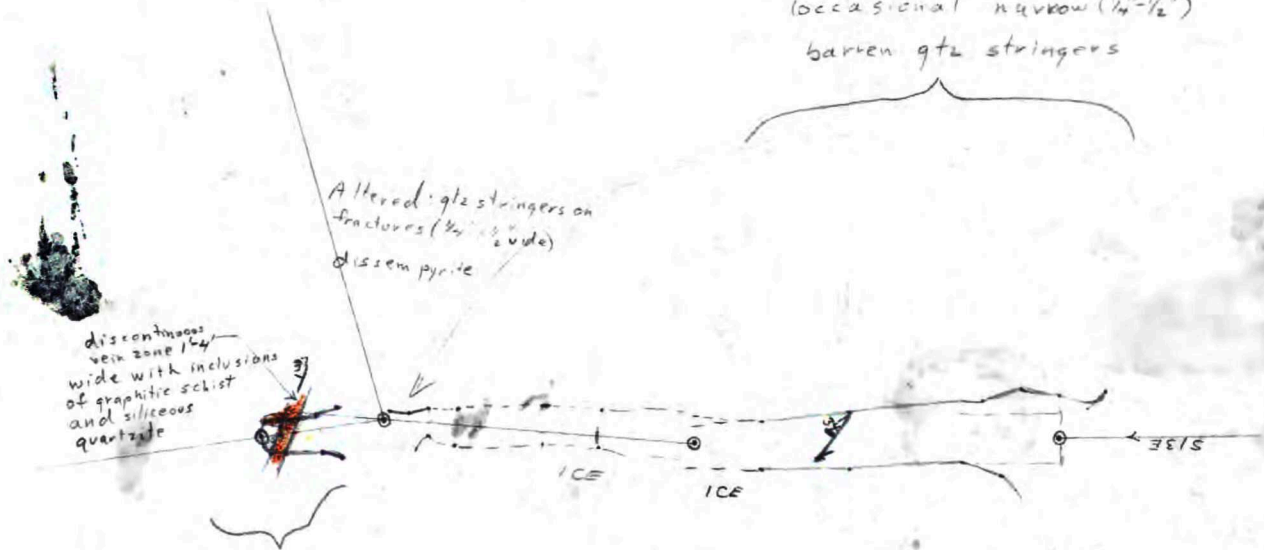
blocky quartzite - dark grey, f.g.  
occasional narrow ( $\frac{1}{4}$ " -  $\frac{1}{2}$ " )  
barren qtz stringers

Altered: qtz stringers on  
fractures ( $\frac{1}{4}$ " -  $\frac{1}{2}$ " wide)  
dissem pyrite

discontinuous  
vein zone  $\frac{1}{4}$ "  
wide with inclusions  
of graphitic schist  
and siliceous  
quartzite

Vein - snowy-white,  
crystalline quartz  
with some  
blue-green  
staining

② Altered rock  
(siliceous quartzite,  
f.g. dark grey, with  
narrow bands of  
graphite)



Vein

dark grey graphite schist

45

SW

