

Cu Sulph est low?

FISH LAKE

Q73-15 (see also KEN'S notebook)

013317

July 19/76

Rock	Fs Alt	% Pyrite	Cu Sulph.	Ep	Chl	Secund Bi	Flokey ser	Comments
56	White 1-2 on gray matrix ser-cotic, ? grain wh (1-2) loc	dis + fr + veins 1 1/2%	py with xllae py on fr with mag'n veins .01	-	mostly fr cutt w. sulphides	possibly w. ser-chl-sulph.	fr w. py zones with qtz around py veins	fairly strong mag CR - mag in blebs - mag → och hem loc.
113	gray (1-2) + yell wh (1-2) loc at-grn	dis + fr 3/4%	same dis. - vein .01	-	in veins w. qtz, py + often mafic S thud	on fr w. ser, chl, py, cpy	halos on carbonate - py-cpy	mod. magnetic
170	yell-wh (2) to orange yell (2) to 180 matrix 50% thin 15 yellowish	dis + fr in grn zone fr + vein etc. - wh 3/4%	mainly ven + fr - minor .005	-	a bit in fr + often mafic to 180	uncommon	in qtz-ser zones + pervasive - significant	measure py veins in qtz-MoS <sub>2</sub> + carbonate cores.
225	where visible is play (35% + mag) ppy	mostly yell-orange (2)	dis + fr (minor) + veins w. qtz	-	minor if any	nic sig ref →	pockets w. py-cpy + pervasive loc.	strong altm + veining + closely spaced cracks. - dissem. magnetite
275	crowded fs ppy (phenos 45%)	mix col or - orange yell (2) grayish altm	mainly fr + vein 1%	-	minor if any	-	possibly pervasive in gray zones	possible pervasive ser altm should be checked by T.S.
320	where visible	mostly yell-orange (2-3) local gray (2)	dissem in alt halos + in veins + fr 3/16%	-	-	-	prob perv in gray zones halos to qtz py-cpy on qtz	qtz-cpy vein cuts mag-cpy stampers (?)
380	"	"	py-carb veins w. qtz heavy pyr. halos (ser?) 1%	-	some on grn zone?	possibly some on grn alt zone	some on fr.	MoS <sub>2</sub> , cpy + fr coats mag → och hem overall clayt ser altm?
442	crowded ppy + qtz play ppy	yell → orange (2) yell-white (2) kaolinite?	fairly massive veins, dis in alt zones	-	-	-	not sure	note how qtz, play phenos, vfr matrix green' 457
475	play phenos mag (4.5mm) 35% mafic + ser qtz eyes (4%)	phenos yell-wh (1-2) to or-py (2)	mostly fr cutt 3/4%	-	loc often mafic in	-	-	coarsen grained phenos + qtz zone distinguish this ppy matrix grn → 560 then yell-wh
565	qtz play ppy with fg zone	phenos yell-wh loc grn-wh alt 1-2 to 560 2 after	" "	-	"	-	-	
601	(CR)							

aptyc nature var. loc eg xls (1%) mostly smaller but well formed

X QUANTANA  
 SAYS PORITE  
 TO 400

matrix vfg wh → alt → grn altm rounded to embayed

Samples 73, 120, 126, 174, 180, 200, 270, 310, 320, 375, 390, 401, 410, 440, 473, 493, 507, 548,

570, 585,

Q 73 - 15

200 Qtz veined diss sulph, mostly  
Pervasive cream altn  
CR lke 174

270 lke 200 but altn less intense  
matrix siliceous?  
dissem mag (→ hem), cpy, pyrite

310 Qtz-ser-cpy-py veins  
carbonate veins cut  
Qtz which cuts Qtz-py-MoS<sub>2</sub>  
CR?

320 Perov. seric? (gray) (plag (30%))  
perphyry pyrite vein + dias,  
carbonate veins  
Qtz-py-cpy cut by carbonate

375 Cream altn crowded plag (py)  
Plag 50% 1-2mm  
Qtz altn mag cut by Qtz-cpy-py (no dias)

Q 73 - 15

73 plag phenos 2-5 mm, mottled  
chloritic matrix  
pyrite dissem.

120 fine crowded ppy - plag  
1-2mm 50%  
chloritic, diss py

126 Qtz veined, yellowish altn  
sim - to 120

174 Perov ser altn  
minor dias cpy  
CR uncertain

180 Fairly well mixed crowded  
py (phenos cream altn) + remaining  
sulphides in ser zones + matrix

493 Qtz - rounded phenos to 5 mm  
several %  
Plag. yell-white to 5 mm (30%)  
matrix off tan  
qtz-epi-ser(?) zones

507 like 493 but matrix gray with  
diss. chl. mafics and magnetite  
(partly + tan)

548 Qtz epi minor dark veinlets cut  
metamorphosed) epi fr  
Rock like 507.

570 matrix tan, plag yellow-wh.  
phenos Qtz + plag ~ 4 mm → 3 mm  
(5%) (30%)

585 like 570 but alt. stronger &  
network of cracks  
qtz-epi-minor magnetite

401 epi - Hem (after mag) studded with  
by carbonate veinlets  
CR spongy cream → energy stain  
texture obscured

390 like 401 but cut by qtz-epi  
veins with ill-defined grayish  
border zones.

410 again text obscured by cream  
alt. but loc. is crowded  
plag ppm phenos 1-2 mm.

440 overall gray-grt aspect  
epi-hem veinlets cut by late  
carbonate. Looks different.  
Chloritized, texture: looks even  
grained

473 Qtz-epi-epi veins cut by white  
carbonate mafics → ser  
Pinkish colored texture obscure