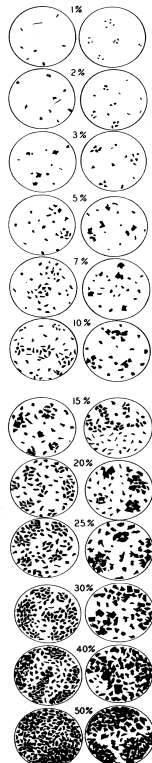


MT RAMSAY LOGGING CODES

ROCK CODES			STRUCTURE CODES		WEATHERING CODES		VISUAL ESTIMATE CHART FOR %SULPHIDES		MINERALS				ALTERATION CODES		
QFP GR	MEREDITH GRANITE		FLT	fault	EW	Rock matrix completely decomposed, showing soil properties, no primary colours, textures or strength preserved.			Sym	Name	Sym	Name	Code	Type	Diagnostic minerals
	quartz-feldspar-biotite porphyry granite	FBX	fault breccia	ad					actinolite	ma	marcasite	Pr	Propylitic	chlorite ± albite ± calcite ± epidote	
		FCA	cataclasite	ad					adularia	mn	Mn wad	K/Se	Potassic / Sericitic	orthoclase ± sericite/illite ± quartz ± sulphides	
		FSH	shear (foliated)	Ag	native silver	mo			molybdenite						
	CRIMSON CREEK FORMATION	FRA	fractures with quartz veinlets & stringers	ab	albite	mm			montmorillonite	GSN(1)	Micaceous Greisen	quartz + muscovite ± tourmaline			
		CHT MST SST BAS	CBX	fault-related crackle hydrobreccia	al	alunite			mu	muscovite	GSN(2)	Silicic Greisen	quartz ± topaz ± cassiterite ± sulphides (pyrrhotite, pyrite)		
			FHBX	fault-related hydrothermal breccia	an	anhydrite			ph	phlogopite					
	FSTK		fault-related vein stockwork	pl	plagioclase	py			pyrite	DOR(1)	Dolomite replacement	chlorite/serpentine + magnesite + pyrrhotite			
	VN	vein	be	beryl	po	pyrrhotite			DOR(2)	Dolomite replacement	talc ± chlorite/serpentine + magnesite + pyrrhotite				
	STK	stockwork	bi	biotite	qz	quartz									
SHL QZT DOM	OONAH FORMATION	CON	contact	SW	Rock matrix partly limonite stained or bleached, primary colours and textures recognisable.	bo	bornite	rh	rhodochrosite	DOR(3)	Dolomite replacement	quartz ± topaz + fluorite/sellaite + cassiterite ± sulphides			
		HBX	hydrothermal breccia			ca	calcite	rt	rutile						
		PBD	planar bedding			cb	carbonate (undif.)	sc	scorodite						
	shale quartzite dolomite	PLM	planar lamination	cs	cassiterite	sl	sellaite	Code	Alteration Intensity						
		XBD	cross bedding	cd	chalcedony	se	sericite	wk	weak (<25% of primary or earlier alteration minerals within the selvage are replaced/overprinted by later alteration minerals)						
		XLM	cross lamination	cc	chalcocite	sr	serpentine	mod	moderate (25-75% of primary or earlier alteration minerals within the selvage are replaced/overprinted by later alteration minerals)						
	MAS	massive	cp	chalcopyrite	sd	siderite									
	COLOURS						ch	chlorite	sm	smectite	stg	strong (>75% of primary or earlier alteration minerals within the selvage are replaced/overprinted by later alteration minerals)			
							cl	clay	ss	sulphosalts (undif.)					
							do	dolomite	sp	sphalerite	X/Y	means alteration type "X" replaces alteration type "Y" in the alteration selvage			
el							electrum	sn	stannite						
ep							epidote	st	staurolite	ROCK STRENGTH CODES					
fl							fluorite	sb	stibnite						
fr							freibergite	su	sulphide (undif.)						
ga							galena	ta	talc						
gt							garnet	te	tetrahedrite						
ge							goethite	tp	topaz						
gp	graphite	to	tourmaline												
gy	gypsum	tr	tremolite												
he	hematite	wo	wolframite												
hb	hornblende	zr	zircon												
GRAIN SIZE						il	illite								
						ja	jarosite								
						ka	kaolinite								
						ks	K-feldspar								
						ku	kutnahorite								
mxtn	microcrystalline (<0.1mm)					le	lepidolite								
						li	limonite								
						mg	magnesite								
						mt	magnetite								
						fg	fine-grained (0.1-1 mm)								
mg	medium-grained (1-5 mm)					cg	coarse-grained (5-30 mm)								
						vco	very coarse-grained (>30 mm)								
band blad brex buck coll colloform comb crustiform equigranular fibr fibrous latt lattice mass massive pphy porphyritic vugh vughy wrig wrigglite										R1	Very low strength: Core easily peeled with knife				
										R2	Low strength: Core peeled with knife with difficulty and blow with geopick marks surface.				
										R3	Medium strength: Unmarked by knife, but firm blow with geopick marks or breaks core.				
										R4	High strength: Core breaks only after several hard blows with geopick.				
										R5	Very high strength: Core requires numerous blows with geopick to break it.				