

Code List

Category	Code	Description
Alteration / Mineralisation Style		
	BA	banded
	BB	blebs, phenocrysts
	BED	along bedding planes
	BX	breccia
	DIS	disseminated
	FL	on foliations
	FRAC	fracture coating
	IRR	irregular
	LAM	laminae
	LIES	liesegang banding
	MAS	massive
	MOT	irregular mottles / patchy / blotchy
	MTC	mineral type controlled replacement
	MTX	matrix replacement or infill
	RTC	rock type controlled replacement
	SEC	secondary
	SELV	selvage / halo
	SH	in shears
	ST	stringers
	SW	stockwork
	VN	veins
Alteration Intensity		
		unaltered
	1	weak
	2	moderate
	3	strong
	4	intense
Alteration Type		
	AB	albite
	ALU	alunite
	AR	argillite
	BN	bornite
	CAL	calcite
	CHL	chlorite
	CRB	carbonate

Category	Code	Description
	CY	clay
	EP	epidote
	GNT	garnet
	HEM	hematite
	KAO	kaolinite
	LIM	limonite
	MGT	magnetite
	MN	manganese
	POT	potassic
	PR	propylitic
	PY	pyrite
	RR	red rock
	SER	sericite
	SI	silicified
	SID	siderite
	SK	skarn
	SRP	serpentinite
	TM	tremolite
	UA	unaltered
	UD	undefined
Colour	ZEO	zeolite
	BK	black
	BL	blue
	BR	brown
	CR	cream
	GR	green
	GY	gray
	IR	iridescent
	KH	khaki
	MA	maroon
	OL	olive
	OR	orange
	PI	pink
	PU	purple
	RD	red
	VI	violet
	WH	white
	YE	yellow

Category	Code	Description
Colour Intensity	BT	bright
	DK	dark
	LT	light
	MD	medium
	PL	pale
Dryness		
	D	dry
	L	liquid
	M	moist
	S	sticky
	W	wet
Geological Unit	BLD	Balbirini Dolomite - Upper member of the Nathan Group
	CTS	Cretaceous
	KYM	Kyalla Member of Roper Group McMIInn Formation
	MSM	Moroak Sandstone Member of Roper Group McMIInn Formation
	SIM	Sherwin Ironstone Member - Roper Group
	TC	Tertiary Cover
	TRN	Transported recent cover
	TT	Tertiary laterite
	UND	Undecided
	VF	Velkerri Formation
Grain Size	CG	coarse grained
	FCG	fine to coarse grained
	FG	fine grained
	FMG	fine to medium grained
	MCG	medium to coarse grained
	MG	medium grained
	VCG	very coarse grained
	VFF	very fine to fine grained
	VFG	very fine grained
Hardness	1	friable (crumbles in hand)
	2	moderately friable (locally friable over interval)
	3	moderately competent (can pick grains off)
	4	hard / competent
	5	unconsolidated

Category	Code	Description
Mineral Intensity		
	1	weak
	2	moderate
	3	strong
	4	very strong
	5	very weak / trace
Mineralisation		
	ANT	antimony
	ASO	scorodite
	ASP	arsenopyrite
	AU	gold
	AZ	azurite
	BN	bornite
	BRT	barite
	CAS	cassiterite
	CC	chalcocite
	CHR	chromite
	CIN	cinnabar
	COP	copper (native)
	CPY	chalcopyrite
	CST	cerussite
	CUO	oxidised Cu minerals
	CUP	cuprite
	CV	covellite
	DG	digenite
	FEO	iron oxide
	GAL	galena
	GOE	goethite
	HEM	hematite
	LIM	limonite
	MAG	magnetite
	MAL	malachite
	MCS	marcasite
	MGH	maghemite
	MGS	magnesite
	MLL	millerite
	MNO	manganese oxides
	MOL	molybdenite
	OPQ	opaque mineral

Category	Code	Description
	PBO	oxidised lead minerals
	PIT	pitchblende
	PN	pentlandite
	PO	pyrrhotite
	PY	pyrite
	PYO	oxidised pyrite
	RT	rutile
	SCH	scheelite
	SPC	specular hematite
	SPH	sphalerite
	STB	stibnite
	SUL	sulphide
	TEL	tellurides
	TNR	tenorite
	TNT	tennantite
	TOR	tourmaline
	TRE	tremolite
	TTH	tetrahedrite
	TTL	tantalite
	U2	uranium secondaries
	UX	uranium minerals
	VIO	violarite
	WFM	wolframite
	ZNO	oxidised Zn minerals
	ZRN	zircon
Oxidation		
	FR	fresh rock
	H	highly weathered / oxidised
	M	moderately weathered / oxidised
	VH	very highly weathered / oxidised
	W	weakly weathered / oxidised
Rock Type		
	ALG	algal silt/very fine grained rock with algal laminations
	ALV	alluvium
	AMP	amphibolite
	APL	aplite
	ARG	argillite (transitional shale to slate)
	ARK	arkose (feldspar-rich sandstones)
	ARN	arenite (0.06–2mm sand)

Category	Code	Description
	BIF	banded iron formation
	BSH	black shale
	BX	breccia
	CAL	calcrete
	CAV	cavity
	CBR	carbonate rock
	CH	chlorite
	CHT	chert
	CL	core loss
	CLC	chalcedony
	CNG	conglomerate
	COL	colluvium
	CSR	calc-silicate rock
	CY	clay
	CYST	claystone
	DLS	dolomitic shale (dololuite)
	DLT	dolerite
	DOL	dolomite
	DRT	diorite
	FES	ironstone
	FEST	ferruginous sandstone
	FPY	feldspar porphyry
	FRCT	ferricrete
	FRK	felsic rock
	FVL	felsic volcanic
	GAB	gabbro
	GNS	gneiss
	GOS	gossan
	GPT	graphitic
	GRD	granodiorite
	GRT	granite
	GVL	gravel
	GWK	greywacke
	HEMOO	oolite (surface only)
	HOO	hematitic oolite (mineralised)
	HSLT	hematitic siltstone (mineralised)
	JAS	Jasper
	KAO	kaolinite
	LAM	lamprophyre

Category	Code	Description
	LAT	laterite
	LMT	limestone
	MAG	magnesite
	MBL	marble
	MBX	matrix supported breccia
	MQZ	massive quartz
	MRK	mafic rock
	MSD	metasediment
	MST	mudstone
	MSU	massive sulphide
	MVL	mafic volcanic
	MYL	mylonite
	NC	no code
	NR	no recovery
	OO	oolite
	ORG	organic
	OSH	oolitic shale
	OST	oolitic sandstone
	PEG	pegmatite
	PHL	phyllite
	PHY	porphyry
	PIS	pisolite
	PST	pebbly sandstone
	QBX	quartz breccia
	QSY	quartz syenite
	QVN	quartz vein
	QZT	quartzite
	RES	residual
	RHT	rhyolite
	SCH	schist
	SER	sericitic
	SHL	shale
	SIDOO	siderite oolite
	SIDSOO	sideritic sandy oolite
	SILOO	siliceous oolite (silica ooids)
	SL	slate
	SLT	siltstone
	SND	sand
	SOL	soil

Category	Code	Description
	SOO	sandy oolite (oolite with 10->25% detrital quartz grains)
	SST	sandstone
	SYN	syenite
	SZ	shear zone
	TRN	transported
	TSC	talc schist
	TUF	tuff
	UND	undifferentiated
	VBX	volcanic breccia
	VCC	volcaniclastic
Structure	VOL	volcanic
	BED	bedding
	BOU	boudinaged
	BOX	boxwork
	BR	broken
	BX	breccia
	CAT	cataclastic
	CLV	cleaved
	CRS	crushed
	DEF	deformed
	FD	folded
	FLT	faulted
	FOL	foliation
	FRAC	fractured
	FRG	fragmental
	GG	gouge
	HBX	hydrothermal breccia
	JO	jointed
	LI	lineation(s)
	MY	mylonitic
	QV	quartz vein(s)
	SH	sheared
	SHK	shear fabrics (kinematic indicators)
	SL	slickenside(s)
	STY	stylolitise(s)
	TEN	tension gash(es)
	VN	vein(s)

Structure Confidence

Category	Code	Description
Sturcture Intensity	1	Poor - One BOH mark; core does not dock with other BOH marks
	2	Moderate - BOH mark does not quite match up with second BOH mark i
	3	Good - 2 BOH marks that line up through docked core; 1 BOH mark that
	4	Excellent - 3 BOH marks that line up through docked core
	1	weak
	2	moderate
	3	strong
	4	very strong
	5	very weak / trace
Texture	AM	amorphous
	AMY	amygdaloidal
	APH	aphanitic (fine crystalline magmatic rock)
	APR	aphyric
	BA	banded
	BED	bedded
	BLD	bleached
	BOX	boxwork
	BX	brecciated
	CMT	cemented
	CON	conchoidal
	CX	cryptocrystalline
	EQ	equigranular
	FB	flow banded
	FIS	fissile
	FO	foliated
	FOB	foliation parallel bedding
	FR	friable
	FRG	fragmental
	GLY	glassy
	GRP	granophyric (intergrowth of quartz and alkali feldspar)
	IND	indurated
	LAM	laminated
	LEA	leached
	LIES	liesegang banding
	MAG	magnetic
	MAS	massive
	MEG	megacrystic

Category	Code	Description
	MIG	migmatitic
	MOT	mottled
	MX	microcrystalline
	NOD	nodular
	PB	pebbly
	PIS	pisolitic
	POB	porphyroblastic (large crystal of metamorphic origin)
	POR	porphyritic
	PORS	porous
	PS	pseudomorph
	RX	recrystallised
	SAC	saccharoidal
	SHS	schistose
	SIL	siliceous
	SOF	soft
	SPH	spherulitic
	SPT	spotted
	SPX	spinifex
	STM	stromatilitic
	TBD	thick bedded
	UND	undifferentiated
	VE	vesicular
	VI	vitric
	VN	veined
	VU	vuggy
	XEN	xenolithic
Vein Style		
	BF	brittle fracture
	BX	breccia
	CX	crackle breccia
	EX	extensional
	FL	along foliations
	LM	laminated
	MA	massive
	PG	ptygmatic
	SG	sugary
	ST	stringers
	SW	stockwork
	VL	veinlets