



Cameco Australia Pty Ltd

UNILOG CODE LEGEND LITHOLOGICAL FEATURES

Rock Name		Rock Type Qualifiers		Minerals		Textures	
(G)M	slightly congl mudstone	AB	albite	\$P	serpentine	AG	augen structured
(G)S	slightly congl sandstone	AG	augen structured	AA	andalusite	AH	aphanitic
ALBT	albitite	AH	aphanitic	AB	albite	AL	altered
AMPH	amphibolite	AK	arkosic	AC	actinolite	AM	amygdaloidal
ANAT	anatexite	AL	altered	AD	anhydrite	AN	anhedral
ANDA	andesite to dacite	AM	amygdaloidal	AE	ankerite	AP	aplitic
ANDR	andesite diorite	AN	anhedral	AF	altered feldspar	BD	bedded (horizontal)
ANDS	andesite	AP	aplitic	AS	arsenopyrite	BH	bleached
ANLT	andesite lapilli tuff	AR	arenaceous	AT	apatite	BK	blocky
ANPR	andesite porphyry	AT	altered	AU	gold	BL	bladed
ANRG	anatectic regolith	BD	bedded (horizontal)	AX	amphibole	BN	banded
ANTF	andesite tuff	BH	bleached	AY	anthophyllite	BO	botryoidal
ANXL	andesite crystal lapilli	BI	biotite	BA	barite	BP	brittle overprint
ANXT	andesite crystal tuff	BK	blocky	BI	biotite	BX	brecciated
AP/D	aplite dyke	BL	bladed	BR	bornite	C\$	cumulate
APLT	aplite	BN	banded	CB	carbonate	CA	cataclastic
ARGL	argillite	BO	botryoidal	CC	calcite	CM	compact
ARKS	arkose	BP	brittle overprint	CD	cordierite	CN	concordant
AXLT	andesite crystal lapilli tuff	BC	broken core	CF	coffinite	CR	crenulated/folded
BASL	basalt	BS	basaltic	CH	chert	CS	clast supported
BSMT	basement	BX	brecciated	CL	chlorite	CT	clastic
BSTF	basaltic tuff	C\$	cumulate	CO	cobaltite	DE	dense
BSTL	basaltic lapilli tuff	CA	cataclastic	CP	chalcopyrite	DF	drag folded
BX	breccia	CH	cherty	CU	copper	EL	elongated (=prolate)
CAAK	calcarkose	CM	compact	CY	clay	EQ	equigranular
CALC	calcsilicate	CN	concordant	DI	diopside	ET	eutaxitic
CASE	casing	CR	crenulated/folded	DO	dolomite	EU	euهدral
CAVI	open cavity	CS	clast supported	DV	dravite	F\$	fissile
CBBX	carbonate breccia	CT	clastic	EP	epidote	F)	fluidal
CHQZ	cherty quartz	CY	clayey	FL	fluorite	FB	flow banded
CHRT	chert	DB	diabasic	FU	fuchsite	FE	felsic
CLAY	clay	DC	dacite	FX	feldspar	FM	fragmental
CLSP	calcsemipelite	DE	dense	GA	garnet	FO	foliated
CONG	conglomerate	DF	drag folded	GE	gersdorffite	FR	fractured
CY	clay	DK	dyke	GF	graphite	FS	flaser structure
DACT	dacite	DR	dioritic	GL	galena	FY	flaggy
DCLT	dacitic lapilli tuff	DS	discordant	GO	goethite	G\$	granoblastic
DCPR	dacitic porphyry	EL	elongated (=prolate)	GS	gypsum	GC	graphic
DCTF	dacitic tuff	EQ	equigranular	HA	halite	GD	graded bedded
DCXL	dacite crystal lapilli tuff	ET	eutaxitic	HB	hornblende	GG	gouge
DCXT	dacite crystal tuff	EU	euهدral	HE	haematite	GN	gneissic
DEBF	debris flow	F\$	fissile	HS	specular haematite	GP	glomero-porphyrific
DI/D	diorite dyke	F)	fluidal	HV	heavy minerals	GT	granitic
DIAB	diabase	FB	flow banded	IL	illite	GU	granulose
DIOR	diorite	FD	folded	KA	kaolinite	GY	greasy
DOLM	dolomite	FE	felsic	KF	k-feldspar	HG	hypidiomorphic granular
DUNT	dunite	FM	fragmental	LI	limonite	HO	homogeneous
DYKE	dyke	FO	foliated	M\$	montmorillonite	HT	heterogeneous
EOH	end of hole	FR	fractured	M@	malachite	IB	interbedded
EPVC	epivolcanoclastic	FS	flaser structure	MA	marcasite	IM	intermediate
FAN	fanglomerate	FT	fault	ME	micrite	IN	interstitial
FAUT	fault	FW	flow	MF	mafic minerals	IQ	inequigranular
FL/D	felsic dyke	FY	flaggy	MI	mica	IT	intraclasts
FLAG	felsic agglomerate	G\$	granoblastic	ML	millerite	LC	loosely consolidated
FLBX	felsic breccia	GB	gabbroic	MN	manganese minerals	LL	lit-par-lit
FLGN	felsic gneiss	GC	graphic	MO	molybdenite	LM	laminated
FLSG	felsic segregation	GD	graded bedded	MR	microcline	LN	lenticular
FLTF	felsic tuff	GF	graphitic	MT	magnetite	LT	lithic
FLZN	fault zone	GG	gouge	MU	muscovite	LX	low angled crossbedded (1-10)
FQZT	feldspathic quartzite	GN	gneissic	NI	niccolite	MH	mesh structure
FX/D	feldspar porphyry dyke	GP	glomero-porphyrific	NX	black mineral	MK	myrmekitic
FXPR	feldspar porphyry	GR	granitic (comp.)	OU	orange uranium	MM	migmatitic
G)MS	slightly muddy sandstone	GT	granitic	OX	oxides (gen.)	MP	matrix supported
G)SM	slightly congl sandy mud	GU	granulose	PF	plagioclase	MX	massive
GABR	gabbro	GY	greasy	PL	scapolite	MY	mylonitic
GFCY	graphitic clay	HE	haematite	PO	pyrrhotite	ND	nodular
GM	conglomeratic mudstone	HG	hypidiomorphic granular	PS	phosphate	NP	not preserved
GMS	conglomeratic muddy sandstone	HM	hematized	PX	pyroxene	OV	ovoid
GNIS	gneiss	HO	homogeneous	PY	pyrite	P\$	porphyroclastic
GOUG	gouge	HR	hornfelsic	QC	quartz carbonate	PB	porphyroblastic
GRAN	granite	HT	heterogeneous	QF	quartzofeldspathic	PE	pebble beds
GRAV	gravel	HX	healed breccia	QM	quartz tourmaline	PG	pegmatitic
GRDT	granodiorite	IB	interbedded	QZ	quartz	PH	phelbitic
GRGN	granite gneiss	IM	intermediate	RM	rammelsbergite	PP	partially preserved
GRWK	greywacke	IN	interstitial	RQ	ribbony quartz	PR	porphyritic
GS	conglomeratic sandstone	IQ	inequigranular	RU	rutile	PW	pillowed
IN/D	intermediate dyke	IR	irregular	S\$	stibnite	R1	roundness, very angular
INAG	intermediate agglomerate	IS	intrusive	SC	scheelite	R2	roundness, angular
INLT	intermediate lapilli tuff	IT	intraclasts	SD	siderite	R3	roundness, subangular
INTF	intermediate tuff	KF	k-feldspar	SE	sericite	R4	roundness, subrounded



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INTR	intrusive	KT	clotty (for dykes)	SI	sillimanite	R5	roundness, rounded
IRFM	iron formation	LC	loosely consolidated	SN	sphene	R6	roundness, very rounded
KFGR	alkali feldspar granite	LE	leached	SP	sphalerite	RB	rotated beds
LOST	lost core	LG	liesegang	SR	sparite	RE	remobilizate
LPTF	lapilli tuff	LL	lit-par-lit	ST	staurolite	RQ	ribbony quartz
MARB	marble	LM	laminated	SV	saussurite	S/	streaky
MDST	mudstone	LN	lenticular	SX	sulphides	S1	sorting, very well
MF/D	mafic dyke	LS	limy	TA	talc	S2	sorting, well
MFA	manitou falls a formation	LT	lithic	TE	tetrahedrite-tennantite	S3	sorting, moderate
MFA?	Mfa (transitional)	LX	low angled crossbedded (1-10)	TO	tourmaline	S4	sorting, poor
MFAS	manitou falls a (silty)	M	moderate	TR	tremolite	S5	sorting, very poor
MFB	manitou falls b formation	M#	mesocratic	UR	uraninite (pitchblende)	SB	slabby
MFBS	manitou falls b (silty)	MC	mud clasts	UX	uranium minerals	SF	spherulitic
MFC	manitou falls c formation	MF	mafic	VI	vivianite	SH	sheared
MFD	manitou falls d formation	MH	mesh structure	XX	any mineral (define)	SK	slickensides
MFTF	mafic tuff	MK	myrmekitic	YC	yellow clay mineral	SL	slaty
MFVL	mafic rock, volcanics	MM	migmatitic	YU	yellow uranium	SO	scoriaceous
MG	muddy conglomerate	MO	mottled	YX	yellow uranium	SS	schistose
MG/D	monzogabbro dyke	MP	matrix supported	YY	any mineral	SU	subhedral
MGPE	moderate gf metapelite	MR	microcline	ZE	zeolites	SW	stockwork
MGPL	moderate gf metasemipelite	MT	magnetite	ZI	zircon	TB	tabular (=platy)
MISS	missing core	MX	massive	ZO	zoisite	TF	tuffaceous
MONZ	monzonite	MY	mylonitic			TT	trachytic
MS	muddy sandstone	ND	nodular			UF	uniform textured
MSG	muddy sandy conglomerate	NF	non-fragmental			VN	veined
MTSD	metasediment	NN	black			VR	variolitic
MTWK	meta-wacke	NP	not preserved			VS	vesicular
MUD	mud	OV	ovoid			VU	vuggy
MVAM	Mafic Volcanic: Amygdule-rich	P\$	porphyroclastic			VV	varved
MVFW	Mafic Volcanic: Flow layered	PB	porphyroblastic			WB	wavy banded
MVFX	Mafic Volcanic: Flow Breccia	PC	purple clay			WF	weakly foliated
MVMV	Mafic Volcanic: massive	PE	pebble beds			XB	crossbedded (11 degrees)
MVPN	Mafic Volcanic: Phenocrysts	PG	pegmatitic			XE	xenolithic
MVPW	Mafic Volcanic: Pillowed	PH	phelbitic			XL	crystalline
MVTF	Mafic Volcanic: Tuffaceous	PM	polymictic				
MXM	massive mineralization	PP	partially preserved				
MXQZ	massive quartz	PR	porphyritic				
MY	mylonite	PT	ptgmatic folds				
MYGD	mylonitic granodiorite	PW	pillowed				
MYGR	mylonitic granite	PY	pyritic				
MYLN	mylonite	QT	quartzitic				
MYMD	mylonitic monzodiorite	R1	roundness, very angular				
MYMZ	mylonitic monzonite	R2	roundness, angular				
MYOR	orthomylonite	R3	roundness, subangular				
MYTN	mylonitic tonalite	R4	roundness, subrounded				
MZ/D	monzonite dyke	R5	roundness, rounded				
MZDR	monzodiorite	R6	roundness, very rounded				
MZPR	monzonite porphyry	RB	rotated beds				
OB	overburden	RE	remobilizate				
ORE	ore intersection	RQ	ribbony quartz				
ORGD	orthomylonitic granodiorite	RY	rhyolitic				
OXIF	oxide iron formation	S/	streaky				
PEGM	pegmatite	S1	sorting, very well				
PELT	pelite	S2	sorting, well				
PERD	peridotite	S3	sorting, moderate				
PLAG	plagioclase	S4	sorting, poor				
PPDR	porphyritic diorite	S5	sorting, very poor				
PRDR	protomylonitic diorite	SA	silicified				
PRGD	protomylonitic granodiorite	SB	slabby				
PRGR	protomylonitic granite	SF	spherulitic				
PRMD	protomylonitic monzodiorite	SH	sheared				
PRMY	protomylonite	SK	slickensides				
PRMZ	protomylonitic monzonite	SL	slaty				
PRQM	protomylonitic qtz monzonite	SO	scoriaceous				
PRTN	protomylonitic tonalite	SS	schistose				
PYBS	pyroxene basalt	SU	subhedral				
PYRX	pyroxenite	SW	stockwork				
QARK	siliceous arkose	SY	syenitic				
QFGN	quartz-feldspar gneiss	SZ	sill				
QFPR	quartz feldspar porphyry	TB	tabular (=platy)				
QMVN	quartz tourmaline vein	TF	tuffaceous				
QPEL	quartz rich pelite	TN	tonalitic				
QSMP	quartz rich semipelite	TT	trachytic				
QZAR	quartz arenite	UF	uniform textured				
QZBX	quartz breccia	UM	ultramafic				
QZDR	quartz diorite	UX	uranium mineralization				
QZIT	quartzite	VL	volcanic				
QZMD	quartz monzodiorite	VN	veined				
QZMZ	quartz monzonite	VR	variolitic				
QZPL	quartz rich pelite	VS	vesicular				
QZPR	quartz porphyry	VU	vuggy				
QZSG	felsic qz segregations	VV	varved				



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QZSP	quartz semipelite	WB	wavy banded
QZSY	quartz syenite	WF	weakly foliated
QZVN	vein quartz	XB	crossbedded (11 degrees)
RBQZ	ribbony quartz	XE	xenolithic
RDLT	rhyodacite lapilli tuff	XL	crystalline
RDPR	rhyodacite porphyry	ZB	silt beds
RDTB	rhyodacite tuff breccia		
RDTF	rhyodacite tuff		
RGLT	regolith		
RHYD	rhyodacite		
RHYL	rhyolite		
RYTF	rhyolite tuff		
SAND	sand		
SAP	saprolite		
SAPI	saprolite (iron banding)		
SCH	schist		
SDST	sandstone		
SFZN	silica flooded zone		
SG	sandy conglomerate		
SGPE	strong gf metapelite		
SGPL	strong gf metasemipelite		
SHER	shear		
SILT	silt		
SLSD	silty sandstone		
SLST	siltstone		
SM	sandy mudstone		
SMPL	semipelite		
SREG	silicified regolith		
SYEN	syenite		
TONL	tonalite		
TOVN	tourmaline vein		
UC	unconformity		
UX	uranium intersection		
UXCA	mineralized cavity		
UXQZ	mineralized quartzite		
UXSD	mineralized sandstone		
VUG	vug		
WATR	water		
WGPE	weak gf metapelite		
WGPL	weak gf metasemipelite		
XENO	xenolith		
XTTF	crystal tuff		

FRACTURE FEATURES AND ALTERATION FEATURES

Fracture Features		Alteration Distribution		Alteration Type	
\$P	serpentine	BED	bedding controlled	\$P	serpentine
1OCY	weak orange clay	BIR	irregular bands	1ICY	weak pink clay
1ACY	weak grey clay	BLEB	blebs	2GCY	moderate green clay
1AXX	weak grey unknown mineral	BLOT	irregular spots	2ICY	moderate pink clay
1BCY	weak brown clay	BN	banded	3ICY	strong pink clay
1BH	weak bleaching	BO	botryoidal	AB	albite
1CB	weak carbonate	BOUD	boudinaged	AC	actinolite
1CC	weak calcite	BP	brittle overprint	ACY	grey clay
1CL	weak chlorite	BW	boxwork	ACYD	grey diagenetic clay
1CP	weak chalcopyrite	BX	breccia filling	AE	ankerite
1CPY	weak calcopyrite	CJG	conjugate	AP	aplite
1CY	weak clay	CLAS	clasts	APY	grey pervasive pyritic
1DQZ	weak drusy quartz	CLOT	clot	AU	gold
1DSG	dsg up to 1 cm thick	COAT	coating	AX	amphibole
1DV	weak dravite	CON	contact	BCB	brown carbonate
1FCY	weak buff clay	CORR	corroded	BH	bleaching
1GCY	weak green clay	CUBE	cubic	BHD	bleaching (diagenetic)
1GF	weak graphite	DISS	disseminated	BHH	hydrothermal bleach
1GG	gouge up to 1cm thick	DN	dendritic	BI	biotite
1GL	weak galena	DQZ	drusy quartz	BP	brittle overprint
1HE	weak hematite	DSG	indurate sandy gouge	CA	carbonite
1HEB	weak brick-red hematite	EN	enveloping	CB	carbonate
1HER	weak red hematite	EV	envelope	CC	calcite
1HQZ	weak hematite in drusy quartz	FBLB	fracture hosted bleb	CH	chert
1HS	weak specular hematite	FDIS	fracture hosted diss	CL	chlorite
1ICY	weak pink clay	FK	flake	CP	chalcopyrite
1LI	weak limonite	FM	fragmental	CQ	cherty quartz
1MO	weak molybdenite	FO	foliated	CU	copper
1MU	weak muscovite	FOL	foliation controlled	CVG	cleavage
1NCL	weak black chlorite	FRAC	fracture coating	CY	clay
1NCY	weak black clay	FRCT	fractured	CYD	clay (diagenetic)
1NOX	weak black oxides	FSTR	fracture hosted stringers	DQZ	drusy quartz
1NPY	weak black pyrite	FT	fault	DV	dravite
1NXX	weak black mineralization	GG	gouge	EOH	end of hole.
1OCY	weak orange clay	GM	groundmass	EP	epidote
1OUX	weak orange uranium mineral	GOUG	gouge	FCY	buff clay



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1PCY	weak purple clay	HDIS	heavily disseminated	FL	fluorite
1PS	weak intensity phosphate	HX	hydrothermal breccia	FRAC	fracture
1PY	weak pyrite	IN	interstitial	FU	fuchsite
1QZ	oldest quartz vein	INT	interstitial	FX	feldspar
1QZD	weak quartz dissolution	IR	irregular	GA	garnet
1QZV	oldest quartz veinlet	IRR	irregular	GCY	green clay
1RCY	weak red clay	LENS	lenses	GF	graphite
1RLI	weak red limonite	LIES	liesegang	GG	gouge
1SD	weak siderite	LM	laminated	GL	galena
1SE	weak sericite	MATR	matrix	GMI	green mica
1SGG	sandy gouge up to 1cm thick	MDIS	moderately disseminated	GNXX	green black u mineral
1TA	weak talc	MOT	mottled	GXX	green unidentified mineral
1UCY	weakblue clay	MTC	mineral control	HB	hornblende
1UX	weak uranium minerals	MX	massive	HE	hematite
1UXX	weak unidentified blue coating	ND	nodules	HEB	brick red hematite
1VO	weak violet oxide	PAT	patches	HED	hematite (diagenetic)
1WCY	weak white clay	PB	porphyroblasts	HEM	maroon hematite
1YCY	weak yellow clay	PDIS	pod hosted disseminated	HER	red hematite
1YUX	weak yellow uranium mineral	PERV	pervasive	HERD	red hematite (diagenetic)
1YX	weak yellow uranium mineral	PHEN	phenocryst	HM	hematized
1YXX	weak yellow unidentified min.	POD	Pods	HQZ	hematized drusy quartz
2ACY	moderate grey clay	REPL	replacement	HS	specular hematite
2AXX	moderate grey unknown mineral	RIB	ribbons	HV	heavy mineral
2BCY	moderate brown clay	RQ	ribbony quartz	HY	hydrothermal alteration
2BH	moderate bleaching	RTC	rock type control	ICY	pink clay
2CB	moderate carbonate	S/	streaky	IL	illite
2CC	moderate calcite	SBLB	stockwork hosted blebs	KA	kaolinite
2CL	moderate chlorite	SDIS	stockwork hosted diss	KF	k-feldspar
2CP	moderate chalcopyrite	SEGR	segregated	LI	limonite
2CPY	moderate calcopyrite	SELV	selvage	LID	limonite (diagenetic)
2CY	moderate clay	SH	shear	M\$	montmorillonite
2DQZ	moderate drusy quartz	SMX	semi massive	MI	mica
2DSG	dsg 1 to 2 cm thick	SPEC	speck	MKQ	milky quartz
2DV	moderate dravite	SPOT	discrete spots	MN	manganese
2FCY	moderate buff clay	SSTR	stockwork hosted stringers	MT	magnetite
2GCY	moderate green clay	SSUR	s surfaces	MU	muscovite
2GF	moderate graphite	STK	columnar stylolites	NCL	black chlorite
2GG	gouge 1 to 2 cm thick	STM	microstylolites	NCY	black clay
2GL	moderate galena	STRG	stringers	NOX	black oxides
2HE	moderate hematite	STRT	structural control	NXX	black mineralization
2HEB	moderate brick-red hematite	SUB	subhedral	PF	plagioclase
2HER	moderate red hematite	SW	stockwork	PO	pyrrhotite
2HQZ	moderate hematite in drusy qz	TQ	total quartz	POT	potassic
2HS	moderate specular hematite	UC	unconformity	PS	phosphate
2ICY	moderate pink clay	VLB	vein hosted bleb	PY	pyrite
2LI	moderate limonite	VDIS	vein hosted diss	QA	quartz ankerite vein
2MO	moderate molybdenite	VN	vein/stringers	QAFX	quartz ankerite feldspar vein
2MU	moderate muscovite	VSTR	vein hosted stringers	QC	quartz carbonate
2NCL	moderate black chlorite	VUG	vug controlled	QFX	quartz feldspar vein
2NCY	moderate intense black clay	WDIS	weakly disseminated	QM	quartz tourmaline
2NOX	moderate black oxides	WRM	worm rock	QZ	quartz
2NPY	moderate black pyrite	WSW	weak stockwork	QZD	quartz dissolution
2NXX	moderate black mineralization	XL	crystalline	RCY	red clay
2OCY	moderate orange clay			RQ	ribbony quartz
2OUX	moderate orange uranium mineral			SAUS	saussuritization
2PCY	moderate purple clay			SE	sericite
2PS	moderate intensity phosphate			SIL	silicification
2PY	moderate pyrite			SILD	silicification (diagenetic)
2QZ	middle aged quartz vein			SMQ	smokey quartz
2QZD	moderate quartz dissolution			ST	staurolite
2QZV	middle aged quartz veinlet			STK	columnar stylolites
2RCY	moderate red clay			STM	microstylolites
2RLI	moderate red limonite			SV	saussurite
2SD	moderate siderite			TA	talc
2SGG	sandy gouge 1 to 2 cm thick			TO	tourmaline
2TA	moderate talc			TR	tremolite
2UCY	moderate blue clay			TRQ	translucent quartz
2UX	moderate uranium minerals			UCY	blue clay material
2UXX	unidentified blue coating(mod)			UX	uranium mineralization
2WCY	moderate white clay			VI	vivianite
2YCY	moderate yellow clay			WAE	white ankerite
2YUX	moderate yellow uranium mineral			WCB	white carbonate
2YX	moderate yellow uranium mineral			WCY	white clay
2YXX	mod. Yellow unidentified min.			WCYD	white diagenetic clay
30UX	strong orange uranium mineral			YCY	yellow clay
3ACY	strong grey clay			YGY	yellow-green phosphate
3AXX	strong grey unknown mineral			YXX	yellow unknown mineral
3BCY	strong brown clay			ZZ	ask scott
3BH	strong bleaching				
3CB	strong carbonate				
3CC	strong calcite				
3CL	strong chlorite				



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3CP	strong chalcopyrite
3CPY	strong calcopyrite
3CY	strong clay
3DQZ	strong drusy quartz
3DSG	dsg 2 to 3 cm thick
3DV	strong dravite
3GCY	strong green clay
3GF	strong graphite
3GG	gouge 2 to 3 cm thick
3GL	strong galena
3HE	strong hematite
3HEB	strong brick-red hematite
3HER	strong red hematite
3HQZ	strong hematite in drusy qz
3HS	strong specular hematite
3ICY	strong pink clay
3LI	strong limonite
3MO	strong molybdenite
3MU	strong muscovite
3NCL	strong black chlorite
3NCY	strong black clay
3NOX	strong black oxides
3NPY	strong black pyrite
3NXX	strong black mineralization
3OUX	strong orange uranium mineral
3PCY	strong purple clay
3PS	strong intensity phosphate
3PY	strong pyrite
3QZ	youngest quartz vein
3QZD	strong quartz dissolution
3QZV	youngest quartz veinlet
3RCY	strong red clay
3RLI	strong red limonite
3SD	strong siderite
3SGG	sandy gouge 2 to 3 cm thick
3TA	strong talc
3UCY	strong blue clay
3UX	strong uranium minerals
3WCY	strong white clay
3YCY	strong yellow clay
3YUX	strong yellow uranium mineral
3YXX	str. Yellow unidentified min.
4DSG	dsg 3 to 4 cm thick
4GG	gouge 3 to 4 cm thick
4SGG	sandy gouge 3 to 4 cm thick
5DSG	dsg 4 to 5 cm thick
5GG	gouge 4 to 5 cm thick
5SGG	sandy gouge 4 to 5 cm thick
AA	andalusite
AB	albite
AC	actinolite
ACY	grey clay
AD	anhydrite
AE	ankerite
AF	altered feldspar
AGCY	grey green clay
AP	aplitic
AP/D	aplite dyke
AS	arsenopyrite
ASE	grey sericite
AT	apatite
AU	gold
AX	amphibole
AXX	grey unidentified mineral
AY	anthophyllite
BA	barite
BC	broken core
BCY	brown clay
BED	bedding
BGXX	brown-green uranium mineral
BH	bleached
BI	biotite
BP	brittle overprint
BR	bornite
BS	basalt
BX	breccia
BXX	unknown brown mineral
CB	carbonate
CBV	carbonate vein
CC	calcite
CD	cordierite
CF	coffinite



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UNILog CODE LEGEND

CGG	clay gouge
CH	chert
CJ	t
CL	chlorite
CO	cobaltite
CON	contact
CP	chalcopyrite
CU	copper
CX	cross-cutting fracture
CY	clay
DAE	indurated ankerite
DI	diopside
DK	dyke
DO	dolomite
DQZ	drusy quartz
DSG	indurated sandy gouge
DSK	dip slip slickensides
DV	dravite
EOH	end of hole
EP	epidote
FD	folded
FL/D	felsic dyke
FT	fault
FU	fuchsite
FX	feldspar
FXX	beige acicular crystals
GA	garnet
GACY	green gray clay
GCY	green clay
GE	gersdorffite
GF	graphite
GG	gouge
GL	galena
GO	goethite
GS	gypsum
GXX	green unknown mineral
HA	halite
HB	hornblende
HBX	healed breccia
HE	hematite
HEB	brick-red hematite
HEM	maroon hematite
HER	red hematite
HF	healed fractures
HFT	healed fault
HM	hematized
HS	specular hematite
HV	heavy minerals
IAE	pink ankerite
IL	illite
IN/D	intermediate dyke
KA	kaolinite
KF	k-feldspar
LI	limonite
M\$	montmorillonite
M@	malachite
MA	marcasite
ME	micrite
MF	mafic minerals
MF/D	mafic dyke
MGG	muddy gouge
MI	mica
ML	millerite
MN	manganese minerals
MO	molybdenite
MR	microcline
MT	magnetite
MU	muscovite
MY	mylonite
NCL	black chlorite
NCY	black clay
NI	niccolite
NOX	black oxides
NSX	black sulfide mineral
OF	open fractures
OSK	oblique slip slickensides
OX	oxides (gen.)
PCY	purple clay
PEGM	pegmatite
PF	plagioclase
PLB	parallel to bedding
PLF	parallel to foliation



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PO	pyrrhotite
POT	potassic
PS	phosphate
PX	pyroxene
PY	pyrite
QC	quartz-carbonate
QF	quartzofeldspathic
QM	quartz tourmaline
QZ	quartz
QZD	quartz dissolution
QZV	quartz veinlet
RAE	red ankerite
RCY	red clay
RQ	ribbony quartz
RSP	red sphalerite
RU	rutile
S\$	stibnite
SC	scheelite
SD	siderite
SE	sericite
SGG	sandy gouge
SH	sheared
SI	sillimanite
SIL	silicification
SK	slickensides
SMQ	smokey quartz
SN	sphene
SP	sphalerite
SR	sparite
SSK	strike slip slickensides
ST	staurolite
SV	saussurite
SX	sulphides
TA	talc
TE	tetrahedrite-tennantite
TO	tourmaline
TR	tremolite
UC	unconformity
UCY	blue clay
UN	unconsolidated
UQZ	blue quartz
UR	uraninite (pitchblende)
UX	uranium minerals
VI	vivianite
VN	vien
VU	vuggy
VUG	cavity in rock
WAE	white ankerite
WCB	white carbonate
WCY	white clay
WQZ	white quartz
XE	xenolith
XX	cherty quartz
YAE	yellow ankerite
YBXX	yellow-brown mineral
YCY	yellow clay
YSP	yellow sphalerite
YXX	yellow unidentified mineral
YY	orangish greenish quartz
ZE	zeolites
ZI	zircon
ZO	zoisite
ZZ	zz type fractures
<1	less than one
0	zero
BC	broken core
BK	blocky
BP	brittle overprint
BX	breccia
FT	fault
GG	gouge
HF	healed fractures
HX	hydrothermal breccia
IR	irregular
MY	mylonites
OF	open fractures
RF	reticulate
S#	strong brittle overprint
SH	shear
T	trace
UN	unconsolidated
WX	weak breccia



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UNILog CODE LEGEND

XE xenolithic

OTHER FEATURES				
Colour		Fracture Intensity	RTQ Prefix	Friability
	1 light	0 zero	L locally	1 Competent(very hard)
	2 medium	<1 less than one	M moderate	2 moderately friable
	3 dark	BC broken core	S strong	3 friable(crumples in hand)
A	grey	BK blocky	T trace	4 locally friable over interval
B	brown	BP brittle overprint	W weak	5 unconsolidated
C	colourless	BX breccia	C cemented	
F	buff	FT fault		
G	green	GG gouge		
I	pink	HF healed fractures		
M	maroon	IR irregular		
N	black	MY mylonites		
O	orange	OF open fractures		
P	purple	RF reticulate		
R	red	S# strong brittle overprint		
T	tan	SG sandy gouge		
U	blue	SH shear		
V	violet	T trace		
W	white	UN unconsolidated		
Y	yellow	WX weak breccia		
		XE xenolithic		
		HX healed breccia		