

Rock Codes

(RCK)

LEGEND

v 2.4

(Rock Codes)

Col 1	Col 2	Col 3	Description
M (Mafic)	B (Basalt)	P	Pillow Basalt
		X	Autoclastic Basalt
		V	Vesicular Basalt
		C	Coarse Grained Massive (Doleritic)
		M	Amygdaloidal
		F	Fine Grained Massive
		T	Porphyritic Basalt
		A	Aphanitic Basalt
		Y	Pyritic Basalt
	D (Dyke)	P	Porphyritic Dyke
		A	Aphanitic Dyke

F (Felsic)	R (Rhyolites)	F	Flow Banded
	C (Dacite)	M	Massive
		G	Fragmental
		P	Porphyritic
	D (Dykes)	P	Porphyritic Dyke
		A	Aphanitic Dyke

G (Plutonic)	A	O	Aplite
	N	O	Granodiorite
	D	O	Diorite
	T	O	Granite

S (Sedi-mentary)	C (Conglomerate)	P	Polymictic Conglomerate
	X (Breccia)	M	Monomictic Conglomerate
		P	Polymictic Breccia
		M	Monomictic Breccia
	S (Sandstones)	F	Feldspathic
	L (Siltstones)	Q	Quartzose
		H	Haematitic
		L	Lithic
		M	Micaceous
	I (Interbedded)	S	Sandstone to Siltstone
		L	Sandstone to Mudstone
		M	Siltstone to Mudstone
	M (Mudstone)	O	Undifferentiated
		H	Haematitic
	B (Carbonaceous)	Y	Pyritic
		P	Pale
	T (Chert)	H	Haematitic
		W	White

Z (Meta-morphics)	S (Slate)	A	Amphibole
	P (Phyllite)	B	Carbonate
		C	Chlorite
	Z (Schist)	E	Epidote
	G (Gneiss)	G	Garnet
		N	Andalusite
		M	Mica
	A (Amphibolite)	Q	Quartz
		R	Graphite
	H (Hornfels)	S	Spotted

Stratigraphic Codes (AGE)

QOO	Transported Alluvial Cover
CLA	Antrim Plateau Volcanics
KLO	Larranganni Beds
PDK	Coomarie Sandstone
PDT	Talbot Wells Formation
PDG	Gardiner Sandstone
PLS	Supplejack Downs Sandstone
PLW	Mt Winnecke Formation
PFU	Felsic Rocks - Undifferentiated
PLG	Pargee Sandstone
PTH	Mt Charles Beds - Hangingwall Seq.
PTM	Mt Charles Beds - Mine Sequence
PTF	Mt Charles Beds - Footwall Seq
PTC	Mt Charles Beds - Undifferentiated
PTW	Nanny Goat Creek Beds
PGG	Granites Complex - Undifferentiated
PGC	Coomarie Dome
PGF	Frankenia Dome
PGW	Mt Winnecke Granite
PGU	Granite Undifferentiated

Abbreviated MM Codes in File Structure

Prospect	Drilling Area
Hole_nm	Hole Name
Geo	Geologist
Smpl_No	Sample Number
From	From Metre
To	To Metre
Rec	Recovery %
Hrd	Hardness
Colour	Colour
Strat	Stratigraphic Name
Reg	Regolith
Rck	Rock Code
Rck_Ql	Rock Qualifier
Alt	Alteration
Int	Alteration Intensity
Vn	Vein Code
Vn%	Vein %
Str	Structure
Wtr	Water
Mag_Sus	Magnetic Suseptibility (x10^-5)

The Four Commandments

Thou shalt use the letter O as a filler when only one or two characters are used in a three character code field.

Thou MUST have three characters within Rock Codes, Alteration, Veining, Stucture and Regolith when data needs to be entered.

Thou shalt not use any code that is not listed.

Thou shalt discuss new coding requirements at the monthly assembly.

Selah.

Descriptions

LEGEND

v. 2.4 (Descriptions)

Col 1

Col 2

Col 3

Colour (COLOUR)			
BK	Black	MU	Mustard
BL	Blue	OR	Orange
BR	Brown	PI	Pink
CR	Cream	PU	Purple
GR	Green	RE	Red
GY	Grey	WH	White
KH	Khaki	YE	Yellow
MA	Maroon		

Primary Sedimentary Structures (RCK_QL)	
FS	Flame Structure
BD	Bedding
GB	Graded Bedding
LC	Load Clasts
PA	Parallel Laminations
CR	Cross Bedding
MS	Matrix Supported
CS	Clast Supported
PO	Poorly Sorted
MO	Moderately Sorted
WE	Well Sorted
MA	Massive
AN	Angular Clasts
SA	Sub-Angular Clasts
SR	Sub-Rounded Clasts
RO	Rounded Clasts

Minerals List (RCK_QL)			
Rock Forming			
AD	Andalusite	QZ	Quartz
AK	Ankerite	SE	Sericite
AM	Amphibole	TO	Tourmaline
BT	Biotite		
CB	Carbonate	Sulphides	
CH	Chlorite	AS	Arsenopyrite
CL	Clay	CP	Chalcopyrite
EP	Epidote	PY	Pyrite
GT	Garnet	SU	Sulphides
KA	Kaolinite		
KS	K-Spar	Oxides	
LX	Leucoxene	GO	Goethite
MI	White Mica	HM	Haematite
NO	Nontronite	LM	Limonite
PL	Plagioclase	MH	Maghaemite
PX	Pyroxene	MN	Manganese

Hardness (HRD)	
1	Soft
2	Firm, broken by hand
3	Hard and Competent
4	Rings and breaks
5	Rings and breaks not

Alteration Intensity (INT)		Water (WTR)	
W	Weak	D	Dry
M	Moderate	M	Moist and
S	Strong		Inject Water
I	Intense	W	Wet and
			Blown Dry

Sampling Type (TYP)	
1	Zarg Transported Sample
2	Multi element Unconformity Sample
3	FA3 BOH Sample
4	FA3 Redox Sample
5	FA3 Quartz Sample
6	Zarg Calcrete Sample

Regolith (REG)				
R (Regolith)	T	Transported	C	Calcrete
	L	Laterite	D	Sand Dominant
	M	Upper Saprolite	F	Ferricrete
	S	Lower Saprolite	G	Sands, Pisolites, Lithics
	W	Weathered Bedrock	H	Silcrete
	B	Transitional Bedrock	I	Lithic Fragments
	F	Fresh Bedrock	L	Laterite Component
			M	Mottled Clays
			P	Pisolith Dominant
			Q	Pervasive Silica
		S	Saprolite Clay	
		T	Transported	

Alteration (ALT)				
A	C	Carbonate	D	Disseminated
(Alteration)		(cb±qz±py) (acid fizz)	F	Fracture
	G	Green Chloritisation	P	Pervasive
		(ch±cb±py) (gr clays)	S	Selvedge
	B	Bleaching	O	Unknown
		(clay±silica±py) (wh clays)		
	E	Sericite ± Pyrite		
	S	Silicification		
		(qz±clay±py) (wh pervasive qz)		
	F	Feruginous Silicification		
		(reO±qz±clay) (Red/ Yellow/Brown)		

Veining (VN)				
V (Veining)	C	Carbonate (Cb±Qz±Py±Un)	B	Banded
			C	Breccia
	F	Ferruginous Carbonate (Cb±Hm)	K	Crackly
			M	Milky
	H	Ferruginous Quartz (Hm±Qz±FeO)	S	Stockwork
			T	Translucent
	Q	Quartz (Qz±Cb±Py±Se±Un)	X	Crystalline

Structure (STR)				
T (Structure)	U	Unqualified	A	Alteration Front
			B	Boundary
			C	Geological Contact
			D	Bedding
			P	Point
	S	Foliation	A	Axial
	L	Linear Feature	M	Mineral Lineations
			S	Strain/Rodding Lintn
		H	Fold Hinge Lineation	
	D	Folds	S	Slump Folds
			D	Drag Folds
	J	Joints	T	Stepped
	R	Fracture	H	Hackly
			P	Planar
			S	Smooth
			C	Clay filled
	F	Faults (Brittle)	B	Brecciated
			G	Gauge
	K	Slickenlines	F	Frictional
			B	Fibrous
			T	Tensile Failure
			D	Ductile
	Z	Shear Zone (Ductile)	M	Mylonite Fabric
			S	S-C Fabrics