

# ARAGON RESOURCES LIMITED - DRILLHOLE LOGGING CODES

NUU		TRANSPORTED SURFICIAL MATERIALS
	NSL	SOIL
	NAL	ALLUVIUM
	NAG	gravel
	NAS	sand
	NAC	clay
	NCL	COLLUVIUM
	NCT	slope talus
	NCS	sheetwash
	NES	EOLIAN SAND/DUNE DEPOSITS
	NLS	LACUSTRINE (PLAYA) SEDIMENTS
	NLC	clays
	NLE	salts/evaporites
	NGS	GLACIAL SEDIMENTS
	NLG	UNCONSOLIDATED LATERITIC GRAVELS
	NLD	CONSOLIDATED LATERITIC DURICRUST

RUU		RESIDUAL SURFICIAL MATERIALS
	RSL	SOIL/LAG DEPOSITS
	RLG	UNCONSOLIDATED LATERITIC GRAVELS
	RLP	pisolithic
	RLN	nodular
	RLD	CONSOLIDATED LATERITIC DURICRUST
	RMC	MOTTLED CLAY ZONE
	RUS	UPPER SAPROLITE
	RLS	LOWER SAPROLITE
	RSR	SAPROCK
	RGS	GOSSAN

- suffix	OVERPRINTS	
	-HP	HARDPAN
	-FE	FERRICRETE
	-SI	SILCRETE
	-CC	CALCRETE
	-CP	pedogenic
	-CM	massive
	-CN	nodular

SUU		SEDIMENTARY ROCKS	
	SSS	SANDSTONE	
	SSC	CONGLOMERATE	
	SST	SILTSTONE	
	SSG	GREYWACKE	
	SSH	SHALE	
	SBS	black shale	
	SPH	PHOSPHORITE	
	SPM	massive	
	SPN	nodular	
	SCT	CHERT	
	SIF	banded iron formation	
	SEV	EVAPORITES	
	SLM	LIMESTONE	
	SLO	organic	
	SLD	chemical	
	SLC	clastic	

FUU		FELSIC ROCKS	
	FVD	DACITE	
	FVR	RHYOLITE	
	FVO	RHYODACITE	
	FVC	VOLCANOCLASTIC	
	FVX	crystal tuff	
	FVL	lithic tuff	
	FVV	vitric tuff	
	FIP	PORPHYRY	
	FIQ	quartz porphyry	
	FIF	feldspar porphyry	
	FIM	PEGMATITE	
	FIA	APLITE	

IUU		INTERMEDIATE ROCKS	
	IAN	ANDESITE	
	ILT	LATITE	
	IIP	PORPHYRY	
	IVT	VOLCANOCLASTIC	
	ITR	TRACHYTE	
	ILP	LAMPROPHYRE	

MUU		MAFIC ROCKS
	MVB	BASALT
	MVM	magnesian basalt
	MVT	tholeiite basalt
	MVK	komatiite basalt
	MID	DOLERITE
	AGF1	Great Fingall Dolerite – fine grained dolerite
	AGF2	Great Fingall Dolerite – medium-coarse grained dolerite
	AGF3	Great Fingall Dolerite – granophyric dolerite
	AGF3A	Great Fingall Dolerite – medium grained granophyric dolerite
	AGF3B	Great Fingall Dolerite – coarse grained granophyric dolerite
	AGF3C	Great Fingall Dolerite – medium-fine grained dolerite
	AGF4	Great Fingall Dolerite – speckled leucocratic dolerite
	AGF5	Great Fingall Dolerite – talc chlorite schist
	MVC	VOLCANOCLASTIC
	MIG	GABBRO
	MIN	NORITE
	MIA	ANORTHOSITE

UUU		ULTRAMAFIC ROCKS
	UPD	PERIDOTITE
	UPX	PYROXENITE
	UDN	DUNITE
	UVK	KOMATIITE
	USP	SERPENTINITE
	UTC	TALC-CHLORITE SCHIST
	UCB	TALC-CARBONATE SCHIST

GUU		GRANITOIDS
	GRT	GRANITE
	GRD	GRANODIORITE
	GAD	ADAMELLITE
	GTN	TONALITE
	GSY	SYENITE
	GMZ	MONZONITE
	GDR	DIORITE

ZUU		METAMORPHIC ROCKS
	ZGN	GNEISS
	ZMM	MIGMATITE
	ZSL	SLATE
	ZPH	PHYLLITE
	ZSH	SCHIST
	FLSH	Big Bell – felsic schist
	QSSH	Big Bell – quartz sericite schist
	QMSH	Big Bell – quartz mica schist
	KPSH	Big Bell – K-feldspar schist
	ALSH	Big Bell – altered schist
	QBSH	Big Bell – quartz biotite schist
	BISH	Big Bell – biotite schist
	INSH	Big Bell – intermediate schist
	GTSH	Big Bell – garnet schist
	ZHF	HORNFELS
	ZMB	MARBLE
	ZAM	AMPHIBOLITE
	ZGL	GRANULITE

		OTHER CODES
	NSR	NO SAMPLE
	AAA	ALTERED ROCK (ROCKTYPE UNKNOWN)
	TBX	BRECCIA
	TVN	VEIN
	TQV	QUARTZ VEIN
	TQC	QUARTZ – CARBONATE VEIN

		STRUCTURE CODES (*also lithocodes)
	TFD	FOLD (refer to INTENSITY table for type)
	TMY	MYLONITE/CATACLASITE
	TBX	BRECCIA*
	TFZ	FAULT
	TSF	FOLIATION
	TSZ	SHEAR
	TVN	VEIN*
	TQV	QUARTZ VEIN*
	TQC	QUARTZ – CARBONATE VEIN
	TCT	CONTACT/BOUNDARY


INTENSITY	
COMPLETE	<b>C</b>
STRONG	<b>S</b>
MODERATE	<b>M</b>
WEAK	<b>W</b>

FOLDS	
ISOCINAL	<b>C</b>
TIGHT	<b>S</b>
OPEN	<b>M</b>
GENTLE	<b>W</b>

COLOUR (combine letters as required)			
DARK	<b>D</b>	RED	<b>R</b>
LIGHT	<b>L</b>	ORANGE	<b>O</b>
		YELLOW	<b>Y</b>
		GREEN	<b>G</b>
		BLUE	<b>B</b>
		PURPLE	<b>P</b>
		BROWN	<b>N</b>

  

WHITE	<b>W</b>
GRAY	<b>A</b>
BLACK	<b>K</b>

TEXTURES			
ACICULAR needle-like mineral forms	<b>AC</b>	INEQUIGRANULAR grains of unequal size	<b>IQ</b>
AMORPHOUS without form, no regular arrangement	<b>AM</b>	LAMINATED thin discrete layering	<b>LM</b>
AMYGDALOIDAL (igneous) gas cavities, subsequently filled	<b>AG</b>	MASSIVE constant physical, chemical traits	<b>MA</b>
APHANITIC (igneous) constituents not visible to naked eye	<b>AP</b>	MATRIX SUPPORTED (sedimentary) fabric supported by groundmass	<b>MS</b>
BANDED layers of varying physical, chemical traits	<b>BN</b>	NODULAR (sedimentary) contains globular masses of mineral grains	<b>NO</b>
BEDDED (sedimentary) surfaces parallel to deposition surface	<b>BD</b>	PEGMATITIC (igneous) coarse grained, granitic composition	<b>PG</b>
BRECCIATED angular fragments of restricted source	<b>BX</b>	PHANERITIC (igneous) constituents clearly visible to naked eye	<b>PH</b>
CLAST SUPPORTED (sedimentary) fabric supported by rock particles	<b>CS</b>	PILLOW (igneous) globular masses, subaqueous lava extrusion	<b>PI</b>
CROSS BEDDED (sedimentary) inclined bedding plans indicative of current flow	<b>XB</b>	PORPHYRITIC (igneous) large crystals within finer groundmass	<b>PO</b>
CUMULATE (igneous) accumulation of primary precipitate minerals	<b>CU</b>	PORPHYROBLASTIC (metamorphic) euhedral grains within finer groundmass	<b>PP</b>
EQUIGRANULAR grains of equal size	<b>EQ</b>	OPHITIC (igneous) crystals enclosing feldspar laths	<b>OP</b>
FISSILE splits easily along close parallel planes	<b>FI</b>	SACCAROIDAL closely interlocking medium sized crystals	<b>SA</b>
FLOW BANDED (igneous) Mineral or textural bands caused by fluid flow	<b>FB</b>	SPHERULITIC radial arrangements of acicular crystals	<b>SP</b>
GNEISSIC regular schistose and granular banding	<b>GN</b>	SPINIFEX (igneous) crisscrossing sheafs of blade-like minerals	<b>SX</b>
GRANULITIC (igneous) granular crystals between feldspar laths	<b>GR</b>	TUFFACEOUS fragmental volcanic material	<b>TF</b>
GRAPHIC (igneous) mineral intergrowths resembling writing	<b>GP</b>	VESICULAR (igneous) gas cavities in volcanic rocks	<b>VS</b>

MINERAL CODES					
Amphibole (general)		ax	Garnet		gn
	Actinolite	ac	Graphite		gr
	Hornblende	hb	Hydrocarbons (general)		hc
	Tremolite	tm	Ilmenite		im
Andalusite		an	Iron Oxide (general)		fe
Apatite		ap		Goethite	go
Azurite		az		Limonite	li
Barite		ba		Haematite	he
Bornite		bo	Kyanite		ky
Carbonate (general)		cb	Leucoxene		le
	Ankerite	ak	Magnetite		mg
	Calcite	cc	Malachite		ml
	Dolomite	do	Marcasite		mr
	Magnesite	ma	Mica (general)		mc
	Siderite	sd		Biotite	bi
Carnotite		ca		Chlorite	cl
Cassiterite		ct		Muscovite	mu
Chalcedony		cd		Sericite	sc
Chalcocite		ce	Molybdenite		mo
Chromite		cr	Native Copper		cu
Chrysocolla		ck	Native Gold		au
Cinnabar		cn	Olivine		ov
Clay (general)		cy	Pyrolusite		pl
	Kaolinite	ka	Pyroxene (general)		px
	Illite	il	Quartz		qz
	Smectite	sm	Rutile		ru
Collophane		ch	Scheelite		sh
Cordierite		co	Serpentine		sr
Covellite		cv	Silica		si
Cuprite		ci	Sillimanite		sl
Epidote		ep	Staurolite		st
Evaporite (general)		ev	Stibnite		sb
	Anhydrite	ah	Sulphide (general)		su
	Gypsum	gy		Arsenopyrite	as
	Halite	ha		Chalcopyrite	cp
	Sylvite	sv		Galena	ga
Feldspar (general)		fd		Sphalerite	sp
	Plagioclase Feldspar	pf		Pentlandite	pn
	Albite (sodic feldspar)	sf		Pyrite	py
	Anorthite (calcic feldspar)	cf		Pyrrhotite	po
	Alkali Feldspar	af	Talc		ta
	Orthoclase (potassic feldspar)	kf	Telluride (general)		tl
Fluorite		fl	Tourmaline		to
Fuchsite		fu	Turquoise		tq

GRAINSIZE	
COARSE	C
MEDIUM	M
FINE	F
VERY FINE / GLASSY	V
PORPHYRITIC	P