

Frontier Resources Detailed Drill Log																														
Hole Number			NC57	Sheet No	1	Mineralisation / Alteration and				Full description: including colour, main alteration type and strength, component minerals (pref in order of abundance), rock type, texture, alteration and mineralisation details																				
HOLE_ID	INTERVAL	ROCK CODES		Alteration summary				Weathering	Pyrite	Galena	Sphalerite	Biotite	Silica	Sericite	Chlorite	(Ca)CO3	Calc-Sil	Skarn	Magnetic	QVN	Other minerals / texture / colour									
		FROM (m)	TO (m)	Strat Code	Rock type	Primary Alt	2nd Alt														3rd Alt	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (MMS)	Colour	
									eg: pale green phyllic (moderate) quartz-feldspar phryic dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets																					
NC57	0.00	3.20		SSAND				I	Rubbly qtz sandstone. Medium to coarse grained, white to brown, leached, with inclusive soil																					
NC57	3.20	3.80		SSAND				M	Oxidised and leached, mostly coherent, medium to coarse sandstone. Ferruginous zones, some possibly representing bedding? Others leizigang. Some minor chlorite veining. Minor dissem pyrite?						Vn															
NC57	3.80	4.30		SSAND				O	Fine grained coherent sandstone, light grey, bedding visible, some contain dissem pyrite? Rapidly moving into a coarse patchy white, grey with brown wavy laminations. Dirty looking. Dissem pyrite?																					
NC57	4.30	6.00		SSAND				W	Oxidised and leached, mostly coherent, medium to coarse sandstone. Ferruginous zones, some possibly representing bedding? Others leizigang. Some minor chlorite veining. Minor dissem pyrite?																					
NC57	6.00	7.30							core loss																					
NC57	7.30	8.50		SSAND				W	Friable, rubbly, leached white fine to medium sandstone.																					
NC57	8.50	8.60		FALT					Chlorite with fine sand. Fault?																					
NC57	8.60	10.40		SSAND	HORN	SKARN		T	Coherent brown to dark grey, blotchy, dirty variably biotised medium sandstone. Finer areas are more intensely biotised. Original bedding?, laminations?, wavy and lenticular. Coarser units contain qtz grains to 2mm and occasional garnet?. Minor dark green brown zones.																					
NC57	10.40	12.10		SSAND	HORN	CSP		T	Blotchy, spotty, pseudo brecciated look caused by multiple alteration fronts. Dark grey, grey/ brown, light brown to cream. Variably biotised and calc silicate alteration. Precursor was a medium to coarse sandstone. Pyrite fill in joints and fractures. Pink brown calc silicates may be consuming calc silicates	Vn	1																			
NC57	12.10	14.50		SSAND	HORN	SKARN			Coherent brown to dark grey, blotchy, dirty finely laminated, 45d TCA medium sandstone. Variably biotised. 13.1 biotite, actinolite?. 13.9-14.2 minor garnet as granular masses. Minor disseminated, bleb and fracture fill pyrite	d																				
NC57	14.50	15.00		SSAND	HORN	SKARN			Grey, dark brown, light brown overall with minor pink. Variably biotised with minor calc silicates and garnet. Minor dark green, pyroxene?. Precursor was a medium sandstone																					
NC57	15.00	15.20		SSAND					Medium sandstone , well sorted. Minor disseminated and oxidising pyrite.	d																				
NC57	15.20	18.50		SSAND	HORN	CSP			Light grey to light brown, patchy, lightly biotised and minor cream calc silicates. Minor dendritic to blebby pyrite, locally slightly more intense	Spt																				
NC57	18.50	18.70		FALT					Fault zone. Chlorite, magnetite in a medium sandstone. Fabric 30-45d TCA																					
NC57	18.70	19.10		SSAND	SMSX	HORN			Abundant to semi massive magnetite and pyrrhotite in a fine to medium sandstone. Oxidised at 18.7 gradually less so away from fault, gradually moves in to a fine biotite hornfels												Po	SP		Mag	SP					
NC57	19.10	21.60		SSAND	CSP	HORN			Gradually moves from a fine biotite hornfels, 19.6, to a grey and light brown/ cream calc silicates and minor light brown biotite in medium sandstone. Minor to locally abundant blebby and fracture fill pyrite. Joints at 45d TCA	Spt																				
NC57	21.60	24.90		SSAND	SMSX	HORN			Semi massive pyrite, pyrrhotite, galena and sphalerite? As zones to 300mm to replace coarser beds. Finer beds also hold sulphides. Generally the rock is black /grey, brown/ grey biotised medium to coarse sandstone. Bedding? 30d TCA	SP		SP		SP								Po	SP							

[illegible]