	Frontier Resources Detailed Drill Log																																									
	Hole Number		NC 61	Sheet No	1	Mineralisation / Alteration and a			**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					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 Altn	2nd Altn	3rd Altn	Weathering	eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour
NC 61	0.00	1.30		SSILT	HORN			I	Orange/ brown to orange/ red soil and clay. Roots and organics. Minor biotite hornfels or dark siltstone rubble. Minor qtz. Diffuse to																																		
NC 61	1.30	2.90		SSILT	HORN			M	Grey to light orange/ brown soil with clasts to 20mm of biotite hornfels or dark siltstone																																	
NC 61	2.90	6.30						I	Light cream to orange/ brown clays, generally incoherent. 5 to 5.2 coherent with remanent textures, wavy, wispy dark grey and brown orange interbands to 3mm. Some slip surfaces. Abrupt to																																		
NC 61	6.30	7.90		SSILT	HORN			T	Fine grained dark grey/ brown to black biotite hornfels. Minor pyrite, pyrrhotite and magnetite. Becoming browner DH																																		
NC 61	7.90	11.80		SSAND	HORN			T	Grey to grey brown moderately biotised sandstone. Pervasive white prismatic mineral, variable in size and intensity, to 4mm, commonly 2mm, decreases DH. Qtz, pyrite vein at 11.6, 20d TCA. Jointing at 40 to 65d TCA. Heavily jointed to rubbly at abrupt contact																																			
NC 61	11.80	13.60		SSILT	HORN	SKARN			Dark grey/ brown to black biotite hornfels, minor pyroxene?. Biotite becomes browner DH. Minor dissem and clotty pyrite from 12 to 12.4. Some pink irregular shape minerals at 13. 5 to 3mm, garnet? 13.6 vein to 2mm, 30d TCA containing clay and minor moly. Diffuse but abrupt to																									Mo	Vn							
NC 61	13.60	14.00		SSAND	HORN				Light brown to light grey brown lightly biotised medium sandstone. Rubbly to coherent but fractured. Abundant pyrite from 13.8. Dendritic and fracture fill oxidising to FeOH. Sulphides increasing DH	Den																																	
NC 61	14.00	14.65		SSAND	SMSX	HORN			Semi massive to massive pyrite. Very minor chalco in a brown biotised medium to coarse sandstone. Pyrite decreases DH to moderate/ minor	SP																								Cpy	SP						
NC 61	14.65	15.00		Qvn	Ser				Qtz vein approx 120mm thick, 30d TCA containing coarse moly, crystals to 15mm. Moly zone approx 20mm wide on the same orientation. On outer zones closest to country rock, sericite and chlorite altering country rock. Very minor pyrite in qtz	Eu																							Mo								
NC 61	15.00	26.00		SSAND	HORN	Qvn			Overall a dark grey/ brown to black biotite hornfels. Occasional qtz vein 18.3, 20.7, 21.3, 22.6, 24.6, major to minor to 45mm. Generally heavily fractured. Patches of dark green chlorite. Zones of coarse black biotite. Zones of coarser qtz grains from previous sandstone. Overall minor but locally abundant pyrite found as dissem, frac fill and clots. Minor pyrrhotite may be found on fracture surfaces and dissem. Very minor magnetite	D																						Po			Mag					
NC 61	26.00	27.10		SSAND	HORN	Ch			Light brown to light brown/ green /grey medium/ coarse lightly biotised sandstone. Jointing at 30d TCA. 50mm vein at 26.6 containing coarse black biotite, minor chlorite and a white and a green prismatic mineral to 1.5mm forming aggregates and wispy lines																																	
NC 61	27.10	30.60		SSAND	HORN	SMSX	Qvn		Dark grey/ brown to black biotite hornfels. Increasing in intensity at start of interval and decreasing at end. Coarse qtz grains from previous sandstone visible. Minor qtz veins at 28.1, tensional, pyrite fill. Pyrite , pyrrhotite and magnetite variable, minor to abundant/ semi massive. Most magnetite between27.9 and 30.1. Minor garnet	SP																						Po			Mag					
NC 61	30.60	31.60		SSAND	HORN	Qvn			Light brown/ grey lightly biotised medium sandstone. Reasonably consistent. Jointing at 50,30d TCA. Qtz vein at 31, 50mm thick and others to 10mm at 45d TCA. Very minor pyrite and pyrrhotite	D																						Mag								

	Frontier Resources Detailed Drill Log																																										
	Hole Number		NC 61	Sheet No	1	Mineralisation / Alteration and a			**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					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 Altn	2nd Altn	3rd Altn	Weathering	eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour
NC 61	31.60	33.30		SSAND	HORN				Black, brown biotite in a white qtz, dirty looking. Spotty on the mm scale. White qtz rich zones. Dendritic biotite and magnetite. Minor slip at 32. Whit and clear/ white qtz veins from perp to 45d TCA. Some tensional textures. A few generations. Minor mag, pyrite, pyrrhotite mainly in veins	Vn																									Po			Mag				
NC 61	33.30	35.00		SSAND	SIL				Light grey to light grey/ brown massive qtzite, Qtz veins to 30mm approx 60d TCA but variable. Jointing 45d TCA. Minor dissem and blebby pyrite	D																																
NC 61	35.00	38.50		SSAND	HORN	CSP			Variable. Biotite or calc silicate in qtzite. Dark grey/ brown to black biotite, sometime coarse, banded with grey qtzite with cream, cream/green interstitial, wispy calc silicates, roughly 45d TCA, bedding replacement? Tensional qtz vein at 36.6, 30mm thick																																
NC 61	38.50	39.40		SGRANSANI	CSP				Light cream/ brown calc silicate in variable detrital qtz. Overall generally medium grained but two very coarse grained qtz beds at 38.8 and 39.3, qtz grains to 3.5mm. 50d TCA, 30 mm thick.																																
NC 61	39.40	39.90		SSILT	HORN	CALS			Fine grained black/ brown biotite hornfels. Minor cream, cream/green calc silicate. Chaotic but 45d TCA, contact 45d to below																																
NC 61	39.90	40.20		SSAND	CALS				Green, cream/green calc silicate interstitially in a fine to medium qtzite																																
NC 61	40.20	40.40		OTHER COD	SER				Medium grained qtz, feldspar, sericite granite. Minor k spar.																																
NC 61	EOH																																										