Frontier Resources Detailed Drill Log

Hole Number		NC 58	Sheet No	1	Mineralisation / Alteration and s

HOLE_ID	INTERVAL		ROCK CODES		Alteration summary				**Full description: including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details**
	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
NC 58	0.00	1.50						I	Oxidised road material.
NC 58	1.50	1.70							Core loss???
NC 58	1.70	3.10		SSILT	SKARN	HORN	CALS	T	Act,Pyrox,Mag, Gnt, skarn. Minor black biotite hornfels. Diffuse and abrupt boundaries. Jointing and veining consistently at 55d TCA. Oxidised at 1.7 to 2.0. Cream calc silicates begin at 2.8. Diffuse boundary to
NC 58	3.10	4.25		SSILT	HORN	CALS			Dark grey to grey/ black laminated biotite hornfels, with light cream calc sil, act,pyrox lamelle or bedding replacement??, sometimes disjointed, to 20mm thick, 40d TCA. Minor pyrite focused on fract.
NC 58	4.25	4.35						S	oxidised joint
NC 58	4.35	5.35		SSILT	SKARN	CSP			Act, pyrox, mag blotchy skarn with abundant pyrite as fracture fill and disseminations, rapidly moving to a confused, mixed and laminated light/cream brown calc sil, pyrox, act skarn. Increasing pyrite clots and frac fill, diffuse boundary to
NC 58	5.35	8.70		SSAND	SMSX	HORN			Sulphide zone, pyritic, v minor galena in zones up to 700mm, alteration of specific beds??. Semi massive to abundant, as disseminations or pervasive from fractures. Occurs in a medium to coarse lightly biotised s/s. Very little in dark brown/ blackbiotite hornfels (minor pyrox?) contains magnetic pyrrhotite. Some coarse biotite to 4mm. abrupt boundary to
NC 58	8.70	16.05		SSAND	HORN	CALS		T	Overall a grey s/s with variable amounts and intensities of brown biotite hornfels, diffuse, wispy and abrupt boundaries. Minor to moderate cream calc sil with confused and irreg patterning. 25mm qtz, pyrite minor fluorite at 9m 50d TCA. 25mm chlorite, pyrite vein at 11m 45d TCA. Jointing 70, 45d TCA. Weak and patchy ox (orange) between 14.55 to 15.7 in between brown biotite, abrupt boundary to
NC 58	16.05	17.00		UQFR	SER				Qtz, feld porphyry, creamy/ yellow brown sericite groundmass. Some sections having a wispy fluid loo giving an impression of flow. Not flow. Within the groundmass lathe like feld, unaltered and qtz phenos, evenly dispersed. Groundmass gets lighter with depth. Qtz vein at 16.8, 45d TCA, minor moly on country rock b boundaries. No pyrite. Abrupt boundary to
NC 58	17.00	17.90		UQFR	SIL	CH	AMP		Originally a qtz, feld porphyry. Now a qtz phyric, chlorite?, amphibole? Silicified rock. No feld remaining, Light purple fluorite within silica. Pervasive blotchy pyrite to 6mm decreasing DH. At 17.7 qtz, chlorite, v minor moly vein 20mm thick. At 17.3 chlorite, qtz, pyrite, minor chalco, 45d TCA. Gradational and rapid transition to
NC 58	17.90	18.10		UQFR	SER				Qtz, feld porphyry, creamy/ yellow brown sericite groundmass. Some sections having a wispy fluid look giving an impression of flow. Not flow. Within the groundmass lathe like feld, unaltered and qtz phenos, evenly dispersed. No
NC 58	18.10	18.80		SSAND	HORN	CALS			brown biotite and minor cream calc sil alt, confused and irreg patterning, of a previous fine/ medium s/s. Minor to moderate pyrite as frac fill
NC 58	18.80	20.40		SSAND	HORN	CALS			Mixed brown biotite, orange ox s/s, minor calc sil + act?? And chlorite. Biotite pervading from joints or fractures. Oxidised area gritty, erratic but mainly between zones of biotite. Zone from 19.4 to 19.7, dark brown black, abundant dissem pyrite. Diffuse boundary to

HOLE_ID	Pyrite		Galena		Sphalerite		Biotite		Silica		Sericite		Chlorite		(Ca)CO3		Calc-Sil		Skarn		Magnetic		QVN	Other minerals / texture / colour							
	Sty/le	Amount %	Sty/le	Amount %	Sty/le	Amount %	Sty/le	Amount (WMS)	Sty/le	Amount (WMS)	Sty/le	Amount (WMS)	Sty/le	Amount (WMS)	Sty/le	Amount (WMS)	Sty/le	Amount (WMS)	Sty/le	Amount (WMS)	Sty/le	Amount (WMS)	Amount (WMS)	Mineral 1	Sty/le	Amount %	Mineral 2	Sty/le	Amount %	Broken (WMS)	Colour
NC 58																															
NC 58																															
NC 58																															
NC 58	Vn																														
NC 58																															
NC 58	Vn																														
NC 58	SP		SP																					Po	SP						
NC 58	Vn																							Fl	Vn						
NC 58																								Mo	Vn						
NC 58	Spt																							Mo			Cpy				
NC 58																															
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	FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	
NC 58	20.40	25.30		SSAND	HORN	CALS			Zone of mixed, confused biotite alt, calc sil and minor pyrox?, act? Chlorite. Randomly mixed biotised of varying intensities from light to dark brown along fractures, intermixed with light cream to cream/brown, murky green cream calc sil. Minor pyrite sporadically dissem. Jointing 50d TCA. Bedding??45d TCA. Minor slip, pug, slick sides at 21.6. Diffuse boundary to
NC 58	25.30	28.90		SSAND	CALS				cream/ grey to cream/ green calc sil alt of a medium s/s. Dendritic pyrite 25.3 to 25.7 to very minor dissem and frac fill to EOH. Jointing 30, 42 and 80d TCA. Heavily jointed and fractured past 26.5, Rubble at 27.2.
NC 58	EOH								

HOLE_ID	Pyrite		Galena		Sphalerite		Biotite		Silica		Sericite		Chlorite		(Ca)CO3		Calc-Sil		Skarn		Magnetic		QVN	Other minerals / texture / colour							
	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 58																															
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