

Frontier Resources Detailed Drill Log																																					
Hole Number		WD018	Sheet No	1		Mineralisation / Alteration and		Full description: including colour, main alteration type and strength, component minerals (pref in order of abundance), rock type,																													
HOLE_ID	INTERVAL		ROCK CODES		Alteration summary			texture, alteration and mineralisation details eg: pale green phyllic (moderate) quartz-feldspar phyrlic dacite porphyry, phenocrysts to										Pyrite	Galena	Sphalerite	Silica	Sericite	Chlorite	(Ca)CO3	Albite	Magnetic	QVN										
	FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering											SV/le	Amount %	SV/le	Amount %	SV/le	Amount %	SV/le	Amount %	SV/le	Amount %	SV/le	Amount (WMS)	Broken (WMS)						
WD018									4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets																												
WD018	0.00	6.10	Cvst	VPSst	Ser	Si		w	Oxidised yellow brown - biege grey, lim(w),ser(w/m), pervasive ser-clay(m/s) limonitic altered zone with QVN(w) fragments occas.Vuggy pumiceous silicification(w) with carb, felsic volcanic. Sulphides py(vw) diss to fracture infill										D	0.1					SP	w	P	m			SP	vw				w	
WD018	6.10	21.00	Cveb	VMLSst	Ser	Si	Ch		felsic, grey-green, fine sand stone with polymict clasts (grey shale & Qz-fel porphyry), ser(w) SP - patchy in places. Clay(w-m) perv altered with ser(w-m) perv.+ chl(w). Trace py and BMS commonly as clast and spot in places. fracture fill sulph(w)										Vn	0.1	Vn	0.1	Vn	0.1			P	w			Vn	w					w
WD018	21.00	30.00	Cveb	VMLSst	Ser	Si	Ch		felsic, biege grey white- pale green, fine sand stone with polyolithic clasts (grey shale & Qz-fel porphyry), ser(w) SP - patchy in places. Trace py and BMS commonly as clast and spot in places.										Vn	0.1	Vn	0.1	Vn	0.1			P	w		w						w	
WD018	30.00	30.85	MSSX	MSSX	Ser	Si	Ch		basemetal massive sulphide (VHMS) insitu in fine volc sandstone										D	1	D	1	D	2			P	w		w							
WD018	30.85	44.30	Cveb	VMLSst	Ser	Si	Ch		felsic, biege grey white- pale green, fine sand stone with polymict clasts (grey shale & Qz-fel porphyry), ser(w) SP - patchy in places. Trace py and BMS commonly as clast and spot in places.										Vn	0.1	Vn	0.1	Vn	0.1			P	w		w						w	
WD018	44.30	71.20	Cveb	VMLSst	Ser	Si	Cb		felsic carbonate clast lithic, biege grey white- pale green, fine sand stone with polymict clasts (grey shale & Qz-fel porphyry), ser(w) SP - patchy in places. Trace py and BMS commonly as clast and spot in places. Carb(w) bands and clast occurrence										Vn	0.1	Vn	0.1	Vn	0.1			P	w								w	
WD018	71.20	102.80	Cveb	VQQLSst	Ser	Ch			blocky lithic coarse q-f-crystal volc sandstone. clasts of coarse q-f-porphyry, grey shale in ser(w) patchy altered matrix with chl(tr) dissm, trace - vw sulph clasts(0.1%).																SP	w	SP	w	D	w	Vn	vw					
WD018	102.80	109.40	Cveb	VQQLSst	Ser	Ch			blocky lithic coarse q-f-crystal volc sandstone. clasts of coarse q-f-porphyry, grey shale in ser(w) patchy altered matrix with chl(tr) dissm, trace - vw sulph clasts(0.1%). Q-vnd(w) as milky white bands variable 2-6cm wide																SP	w	SP	w	D	w	Vn	vw				w	

Down Hole Surveys - Frontier Resources									
Hole_ID	Depth	Azimuth(TN)	Dip	ID	Azimuth(Mag)	Type	Verified	Comment	Date
WD018	15	93	-60		79	1	Y		14/02/2008
WD018	49.4	92	-60		78	1	Y		14/02/2008
WD018	79.4	90	-60		76	1	Y		14/02/2008
WD018	109.4	89	-59.5		75	1	Y		14/02/2008

Verified	Survey type
Y	1 Single shot down hole camera
N	2 Measured at collar
	3 Inferred survey for display
	4 Other - see comments

Down Hole Structural Log - Frontier Resources

Hole_ID	At	Core angle (LCA)	Structure_type	Comments	Azimuth (True)	Dip	Struc_ID
WD018	43	60	jt		230	26	
WD018	43.3	40	FIt	slicken side with clay	100	50	
WD018	43.46	35	jt		119	70	
WD018	43.87	35	fr		341	57	
WD018	44.03	50	fr		13	8	
WD018	44.13	60	fr		221	50	
WD018	44.2	65	jt		284	28	
WD018	44.28	60	FIt	milled clats and clay fill	135	27	
WD018	54.54	65	FIt	clay and mm clast fill	125	10	
WD018	54.7	64	fr		131	18	
WD018	55.2	38	vn	8cm Qvn/band	192	75	
WD018	55.54	73	fr		162	41	
WD018	55.59	56	jt		163	52	
WD018	55.61	53	flt	clay and mm clast fill	154	55	
WD018	56.3	31	jt	Carb-jsp band subparallel to jt	123	73	
WD018	56.9	64	fr		138	32	
WD018	57.35	60	fr		153	55	
WD018	57.45	55	jt		318	10	
WD018	57.5	59	jt		152	50	
WD018	57.57	52	jt		146	59	
WD018	57.64	59	fr		149	50	
WD018	57.82	68	jt	sil-chl altered	133	24	
WD018	58.2	57	jt	sil-chl altered	140	47	
WD018	90.03	63	fr		152	50	
WD018	90.3	76	vn	Qz-carb vn 8mm thick	214	32	
WD018	90.35	77	bnd	Qz-carb band 20mm thick	26	10	
WD018	102.1	63	jt	sil/qz vn 15mm	254	18	
WD018	102.33	28	vn	carb fluidised vn	99	72	
WD018	102.63	39	jt	Hem coated	145	80	
WD018	102.77	64	fr		150	52	
WD018	103.83	21	jt		130	63	
WD018	104.3	41	vn	Carb vn 1mm	116	76	
WD018	104.43	50	fr		158	63	
WD018	104.87	62	fr		151	68	
WD018	105.53	59	bnd	Qz band 12 cm	330	24	
WD018	105.7	55	vn	Qz vn 13mm	88	20	

Structure Code		Structure Codes for Structure Sheet 2005		
Face	Facing	ID	Code	Definition
Ft	Fault	1	s0	bedding
Sh	shear	2	sX	cleavage; undefined generation
Vn	vein	3	j	joints
Fo	Foliation	4	f	faults
Fr	fracture	5	h	fold hinge (format is plunge dir, plunge angle)
Jt	Joint	6	N	north
Bd	Bedding	7	S	south
Fold	Fold	8	E	east
con	contact	9	W	west
lay	layering	10	stria	stria
bnd	banding	11	kb	kink band
Ln	Lineation	12	b	banding
CATA	Cataclastic site	13	fol	foliation

Frontier Resources Ltd				Drill Core Recovery & RQD Log			
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
WD018	0	1.5	1.5	1.27	84.67		0.00
WD018	1.5	3.1	1.6	1.34	83.75		0.00
WD018	3.1	4.6	1.5	0.57	38.00		0.00
WD018	4.6	6.1	1.5	0.54	36.00		0.00
WD018	6.1	7.6	1.5	0.34	22.67		0.00
WD018	7.6	9.1	1.5	0.55	36.67		0.00
WD018	9.1	10.6	1.5	0.92	61.33		0.00
WD018	10.6	12.1	1.5	0.84	56.00		0.00
WD018	12.1	13.6	1.5	0.95	63.33		0.00
WD018	13.6	15.1	1.5	1	66.67		0.00
WD018	15.1	16.6	1.5	0.69	46.00		0.00
WD018	16.6	18.1	1.5	0.47	31.33		0.00
WD018	18.1	19.6	1.5	1.37	91.33		0.00
WD018	19.6	21.1	1.5	1.41	94.00	0.87	58.00
WD018	21.1	22.6	1.5	1.11	74.00	0.75	50.00
WD018	22.6	24.1	1.5	1.28	85.33	0.5	33.33
WD018	24.1	25.6	1.5	1.43	95.33	0.88	58.67
WD018	25.6	27.1	1.5	1.5	100.00	0.9	60.00
WD018	27.1	28.6	1.5	1.54	102.67	1	66.67
WD018	28.6	30.1	1.5	1.49	99.33	1.49	99.33
WD018	30.1	31.6	1.5	1.3	86.67	0.39	26.00
WD018	31.6	33.1	1.5	1.54	102.67	1.09	72.67
WD018	33.1	34.6	1.5	1.45	96.67	1.15	76.67
WD018	34.6	36.1	1.5	1.4	93.33	0.57	38.00
WD018	36.1	37.6	1.5	1	66.67		0.00
WD018	37.6	39.1	1.5	1.36	90.67	0.67	44.67
WD018	39.1	40.6	1.5	1.1	73.33	0.36	24.00
WD018	40.6	42.1	1.5	1.1	73.33	0.7	46.67
WD018	42.1	43.6	1.5	1.32	88.00	1.02	68.00
WD018	43.6	45.1	1.5	1.44	96.00	0.72	48.00
WD018	45.1	46.6	1.5	1.58	105.33	1.49	99.33
WD018	46.6	48.1	1.5	1.49	99.33	1.42	94.67
WD018	48.1	49.6	1.5	1.5	100.00	1.04	69.33
WD018	49.6	51.1	1.5	1.42	94.67	1.42	94.67
WD018	51.1	52.6	1.5	1.49	99.33	1.49	99.33
WD018	52.6	55.6	3	1.54	51.33	1.08	36.00
WD018	55.6	58.6	3	2.75	91.67	2.4	80.00
WD018	58.6	60.1	1.5	2.9	193.33	2.9	193.33
WD018	60.1	63.1	3	1.6	53.33	1.59	53.00
WD018	63.1	66.1	3	3	100.00	2.89	96.33
WD018	66.1	69.1	3	2.9	96.67	2.12	70.67
WD018	69.1	72.1	3	2.41	80.33	1.66	55.33
WD018	72.1	75.1	3	2.95	98.33	2.67	89.00
WD018	75.1	78.1	3	2.85	95.00	1.52	50.67
WD018	78.1	81.1	3	3	100.00	3	100.00
WD018	81.1	84.1	3	2.92	97.33	2.67	89.00
WD018	84.1	87.1	3	3.15	105.00	2.94	98.00
WD018	87.1	90.1	3	2.88	96.00	2.49	83.00
WD018	90.1	93.1	3	3.05	101.67	2.77	92.33
WD018	93.1	96.1	3	3	100.00	2.62	87.33
WD018	96.1	99.1	3	2.97	99.00	2.68	89.33
WD018	99.1	102.1	3	3.02	100.67	2.69	89.67
WD018	102.1	105.1	3	2.98	99.33	2.98	99.33
WD018	105.1	108.1	3	2.8	93.33	2.33	77.67
WD018	108.1	109.4	1.3	1.29	99.23	1.22	93.85

Frontier Resources - Sample Recovery and Assay Notes						
Hole ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
WD018	433781	28.6	29.4	0.8	0.82	102.50
WD018	433782	29.4	30	0.6	0.6	100.00
WD018	433783	30	30.43	0.43	0.43	100.00
WD018	433784	30.43	31.15	0.72	0.61	84.72
WD018	433785	31.15	31.85	0.7	0.65	92.86
WD018	433786	31.85	32.57	0.72	0.72	100.00
WD018	433787	32.57	33.4	0.83	0.83	100.00
WD018	433788	33.4	34.26	0.86	0.83	96.51
WD018	433789	34.26	35	0.74	0.74	100.00
WD018	433790	54.57	55.54	0.97	0.8	82.47
WD018	433791	55.54	56.08	0.54	0.7	129.63
WD018	433792	56.08	56.58	0.5	0.5	100.00
WD018	433793	80.86	81.83	0.97	0.99	102.06
WD018	433794	81.83	82.7		0.8	0.97
WD018	433795	82.7	83.25	0.55	0.55	100.00
WD018	433796	65	65.8	0.8	0.8	100.00
WD018	433797	65.8	66.7	0.9	0.88	97.78

Frontier Resources Ltd					Down hole assay data						
Project	Prospect	Hole_ID	From	To	Spl_Id	Au_ppm	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Lab Batch
SMRV	V19	WD018	28.6	29.4	433781	<0.01	2	4	18	257	20080219
SMRV	V19	WD018	29.4	30	433782	<0.01	2	1	1	176	20080219
SMRV	V19	WD018	30	30.43	433783	<0.01	3	15	154	244	20080219
SMRV	V19	WD018	30.43	31.15	433784	0.03	14	83	3671	8361	20080219
SMRV	V19	WD018	31.15	31.85	433785	0.51	210	723	58000	160000	20080219
SMRV	V19	WD018	31.85	32.57	433786	0.14	56	169	11800	31400	20080219
SMRV	V19	WD018	32.57	33.4	433787	0.05	18	1212	2945	6914	20080219
SMRV	V19	WD018	33.4	34.26	433788	<0.01	4	16	435	768	20080219
SMRV	V19	WD018	34.26	35	433789	<0.01	3	19	219	1183	20080219
SMRV	V19	WD018	54.57	55.54	433790	0.02	4	58	937	1784	20080219
SMRV	V19	WD018	55.54	56.08	433791	0.02	5	66	1149	2420	20080219
SMRV	V19	WD018	56.08	56.58	433792	0.04	11	89	2964	5547	20080219
SMRV	V19	WD018	80.86	81.83	433793	0.02	1	13	309	888	20080226
SMRV	V19	WD018	81.83	82.7	433794	0.03	3	37	617	1628	20080226
SMRV	V19	WD018	82.7	83.25	433795	0.02	3	32	619	1474	20080226
SMRV	V19	WD018	65	65.8	433796	0.06	8	120	5099	5758	20080226
SMRV	V19	WD018	65.8	66.7	433797	0.02	1	15	383	472	20080226