







Down Hole Surveys - Frontier Resources									
Hole_ID	Depth	Azimuth(TN)	Dip	ID	Azimuth(Mag)	Type	Verified	Comment	Date
SWD003	0	90	-60		76	2			15/04/2008
SWD003	48.6	88	-60		74	1			16/04/2008
SWD003	100	88	-58.9		74	1			24/04/2008
SWD003	150	82	-57		68	1			24/04/2008
SWD003	200	77	-55		63	1			24/04/2008
SWD003	250.1	75	-52.5		61	1			24/04/2008
SWD003	300.1	72	-50.5		58	1			24/04/2008
SWD003	354.1	70	-46		56	1			24/04/2008
SWD003									

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									Structure Code	
Hole_ID	At	Core angle (LCA)	Structure_Type	Comments	Azimuth (True)	Dip	Struc_ID	Face	Facing	
SWD003	0.79	40	Fr					Ft	Fault	
SWD003	0.90	36	Fo					Sh	shear	
SWD003	1.00	48	Fr					Vn	vein	
SWD003	1.50	17	Fo					Fo	Foliation	
SWD003	1.80	38	Fo					Fr	fracture	
SWD003	2.20	38	Fo					Jt	Joint	
SWD003	3.80	25	Fr					Bd	Bedding	
SWD003	4.24	44	Fr					Fold	Fold	
SWD003	5.10	18	Vn	8 cm qtz vein				con	contact	
SWD003	7.60	44	Fr					lay	layering	
SWD003	8.00	50	Fr					bnd	banding	
SWD003	9.10	30	Vn	10cm qtz ±ga vn				Ln	Lineation	
SWD003	9.90	33	Vn	5cm qtz ±ga vn				CATA	Cataclasite	
SWD003	10.10	55	Vn	4cm qtz ±ga vn				Slck	Slickensides	
SWD003	10.40	43	Fo					Pu	Puggy seam	
SWD003	10.50	38	Fo					Cl	Cleavage	
SWD003	11.90	60	Fr							
SWD003	12.00	61	Fr					Structure Codes for Structure Sheet 2005		
								ID	Code	Definition
SWD003	12.50	30	Fr					1	s0	bedding
SWD003	14.25	58	con	btwn volc sst & shale				2	sX	cleavage; undefined generation
SWD003	17.20	60	con	btwn shale & volc sst				3	j	joints
SWD003	17.45	42	Vn	1.50cm qtz vein				4	f	faults
SWD003	17.55	40	Fr					5	h	fold hinge (format is plunge dir, plunge angle)
SWD003	18.20	38	Fr					6	N	north
SWD003	18.65	88	con	btwn volc sst & shale				7	S	south
SWD003	18.70	40	Vn	5cm qtz vein				8	E	east
SWD003	18.95	36	Vn	3cm qtz vein				9	W	west
SWD003	19.22	40	con	btwn shale & volc sst				10	stria	stria
SWD003	19.23	40	Vn	18 cm qtz vein				11	kb	kink band
SWD003	19.60	31	Vn	15 cm qtz vein				12	b	banding
SWD003	19.96	34	Vn	2.5cm qtz vein				13	fol	foliation
SWD003	20.10	60	Vn	10 cm qtz vein				14	slickensides	slickensides
SWD003	20.90	32	Vn	qtz vein/frac contact				15	vn	vein
SWD003	21.50	20	Fr					16	frac	fracture
SWD003	22.40	35	Fo							
SWD003	22.50	40	Fr							
SWD003	22.75	40	Fr							
SWD003	24.80	40	Fo							
SWD003	25.35	48	Fo							
SWD003	27.40	30	Fr							
SWD003	27.50	35	Fr							
SWD003	29.05	42	Fr							
SWD003	29.40	30	Fr	fill with 1cm pyrite						
SWD003	29.95	28	Fr							
SWD003	30.20	20	Fr	fill with 1mm silicite						



SWD003	71.90	41	lay		165	67			
SWD003	72.10	48	lay		101	66			
SWD003	72.55	54	lay		171	51			
SWD003	72.80	40	lay		155	60			
SWD003	73.10	38	lay		188	80			
SWD003	74.75	42	Fr		254	79			
SWD003	74.84	30	lay		142	56			
SWD003	74.90	42	lay		143	60			
SWD003	75.50	52	lay		150	61			
SWD003	75.80	15	Fr		254	82			
SWD003	76.05	53	lay		162	49			
SWD003	76.35	60	Fr		75	82			
SWD003	76.55	22	Fr						
SWD003	79.21	41	Fo						
SWD003	79.35	50	Vn	2cm cb vn					
SWD003	79.88	54	Vn	4cm cb vn					
SWD003	81.83	15	Fr						
SWD003	82.00	42	Fr						
SWD003	84.30	30	Fr						
SWD003	90.00	31	Fr						
SWD003	91.60	56	Fo						
SWD003	91.90	58	Fo						
SWD003	92.30	20	Fr						
SWD003	93.00	50	lay						
SWD003	93.20	51	Sh	3cm shear zone					
SWD003	94.50	18	Vn	1mm cb vn					
SWD003	95.50	40	lay						
SWD003	95.60	25	Fr						
SWD003	96.30	52	lay						
SWD003	98.50	32	Vn	1cm cb vn					
SWD003	105.95	28	Sh	2cm shear structure					
SWD003	108.72	46	Vn	2cm cb vn					
SWD003	109.70	50	Vn	1cm cb vn					
SWD003	112.50	38	Vn	2mm cb vn					
SWD003	112.67	45	Vn	2mm cb vn					
SWD003	112.95	48	Vn	2mm cb vn					
SWD003	114.50	30	Vn	3mm cb vn					
SWD003	115.85	48	lay						
SWD003	116.19	53	Vn	5mm cb vn					
SWD003	116.45	56	Vn	10mm cb vn					
SWD003	116.65	55	lay						
SWD003	118.00	50	Vn	5mm cb vn					
SWD003	118.25	65	Vn	1mm cb vn					
SWD003	119.60	54	Vn	10mm cb vn					
SWD003	120.00	48	Vn	8mm cb vn					
SWD003	120.20	51	Fo						





Frontier Resources Ltd				Drill Core Recovery & RQD Log				
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %	
SWD003	0.00	1.60	1.6	1.50	93.75	0.23	14.38	
SWD003	1.60	3.10	1.5	1.50	100.00	0.63	42.00	
SWD003	3.10	4.60	1.5	1.31	87.33	0.00	0.00	
SWD003	4.60	6.10	1.5	1.30	86.67	0.11	7.33	
SWD003	6.10	7.60	1.5	1.30	86.67	0.38	25.33	
SWD003	7.60	9.10	1.5	1.25	83.33	0.54	36.00	
SWD003	9.10	10.60	1.5	1.50	100.00	0.52	34.67	
SWD003	10.60	12.10	1.5	1.55	103.33	0.21	14.00	
SWD003	12.10	13.60	1.5	1.54	102.67	0.33	22.00	
SWD003	13.60	15.10	1.5	1.30	86.67	0.21	14.00	
SWD003	15.10	16.60	1.5	1.60	106.67	0.11	7.33	
SWD003	16.60	18.10	1.5	1.29	86.00	0.31	20.67	
SWD003	18.10	19.60	1.5	1.55	103.33	0.28	18.67	
SWD003	19.60	21.10	1.5	1.55	103.33	0.39	26.00	
SWD003	21.10	22.60	1.5	1.45	96.67	0.48	32.00	
SWD003	22.60	24.10	1.5	1.55	103.33	0.42	28.00	
SWD003	24.10	25.60	1.5	1.47	98.00	0.73	48.67	
SWD003	25.60	27.10	1.5	1.50	100.00	0.70	46.67	
SWD003	27.10	28.60	1.5	1.50	100.00	0.75	50.00	
SWD003	28.60	30.10	1.5	1.50	100.00	0.93	62.00	
SWD003	30.10	31.60	1.5	1.50	100.00	0.46	30.67	
SWD003	31.60	33.10	1.5	1.60	106.67	0.87	58.00	
SWD003	33.10	34.60	1.5	1.50	100.00	1.04	69.33	
SWD003	34.60	36.10	1.5	1.45	96.67	1.16	77.33	
SWD003	36.10	37.60	1.5	1.41	94.00	0.61	40.67	
SWD003	37.60	39.10	1.5	1.40	93.33	0.50	33.33	
SWD003	39.10	40.60	1.5	1.50	100.00	0.19	12.67	
SWD003	40.60	42.10	1.5	1.77	118.00	0.98	65.33	
SWD003	42.10	43.60	1.5	1.77	118.00	0.96	64.00	
SWD003	43.60	45.10	1.5	1.45	96.67	0.85	56.67	
SWD003	45.10	46.60	1.5	1.35	90.00	0.97	64.67	
SWD003	46.60	48.10	1.5	1.41	94.00	0.47	31.33	
SWD003	48.10	49.60	1.5	1.50	100.00	0.86	57.33	
SWD003	49.60	51.10	1.5	1.32	88.00	0.38	25.33	
SWD003	51.10	54.10	3	2.94	98.00	0.65	21.67	
SWD003	54.10	57.10	3	1.78	59.33	0.20	6.67	
SWD003	57.10	60.10	3	2.90	96.67	0.00	0.00	
SWD003	60.10	63.10	3	3.00	100.00	0.71	23.67	
SWD003	63.10	66.10	3	2.90	96.67	1.15	38.33	
SWD003	66.10	69.10	3	3.00	100.00	2.53	84.33	
SWD003	69.10	72.10	3	2.94	98.00	1.86	62.00	
SWD003	72.10	75.10	3	3.07	102.33	2.50	83.33	
SWD003	75.10	78.10	3	3.05	101.67	2.16	72.00	
SWD003	78.10	81.10	3	2.95	98.33	2.06	68.67	
SWD003	81.10	84.10	3	3.00	100.00	2.01	67.00	
SWD003	84.10	87.10	3	2.97	99.00	2.35	78.33	
SWD003	87.10	90.10	3	3.05	101.67	2.06	68.67	
SWD003	90.10	93.10	3	2.98	99.33	2.53	84.33	
SWD003	93.10	96.10	3	2.95	98.33	2.31	77.00	
SWD003	96.10	99.10	3	3.00	100.00	2.46	82.00	

SWD003	99.10	102.10	3	3.00	100.00	2.04	68.00
SWD003	102.10	105.10	3	3.00	100.00	2.29	76.33
SWD003	105.10	108.10	3	3.21	107.00	2.44	81.33
SWD003	108.10	111.10	3	3.00	100.00	2.67	89.00
SWD003	111.10	114.10	3	3.00	100.00	2.64	88.00
SWD003	114.10	117.10	3	2.95	98.33	2.46	82.00
SWD003	117.10	120.10	3	3.00	100.00	2.55	85.00
SWD003	120.10	123.10	3	3.00	100.00	2.51	83.67
SWD003	123.10	126.10	3	3.00	100.00	2.29	76.33
SWD003	126.10	129.10	3	3.00	100.00	2.46	82.00
SWD003	129.10	132.10	3	3.00	100.00	2.06	68.67
SWD003	132.10	135.10	3	3.07	102.33	2.43	81.00
SWD003	135.10	138.10	3	2.98	99.33	2.79	93.00
SWD003	138.10	141.10	3	3.08	102.67	2.53	84.33
SWD003	141.10	144.10	3	3.00	100.00	1.89	63.00
SWD003	144.10	147.10	3	2.98	99.33	2.19	73.00
SWD003	147.10	150.10	3	3.04	101.33	1.16	38.67
SWD003	150.10	153.10	3	2.95	98.33	2.28	76.00
SWD003	153.10	156.10	3	3.02	100.67	2.33	77.67
SWD003	156.10	159.10	3	3.05	101.67	1.83	61.00
SWD003	159.10	162.10	3	3.00	100.00	2.13	71.00
SWD003	162.10	165.10	3	3.05	101.67	2.24	74.67
SWD003	165.10	168.10	3	2.95	98.33	2.23	74.33
SWD003	168.10	171.10	3	3.00	100.00	2.63	87.67
SWD003	171.10	174.10	3	2.95	98.33	2.57	85.67
SWD003	174.10	177.10	3	2.96	98.67	1.85	61.67
SWD003	177.10	180.10	3	3.00	100.00	2.35	78.33
SWD003	180.10	183.10	3	2.97	99.00	2.20	73.33
SWD003	183.10	186.10	3	3.00	100.00	0.80	26.67
SWD003	186.10	189.10	3	3.00	100.00	1.65	55.00
SWD003	189.10	192.10	3	3.06	102.00	1.86	62.00
SWD003	192.10	195.10	3	3.00	100.00	2.77	92.33
SWD003	195.10	198.10	3	3.00	100.00	2.56	85.33
SWD003	198.10	201.10	3	2.96	98.67	2.61	87.00
SWD003	201.10	204.10	3	3.00	100.00	2.40	80.00
SWD003	204.10	207.10	3	3.04	101.33	2.82	94.00
SWD003	207.10	210.10	3	2.95	98.33	2.41	80.33
SWD003	210.10	213.10	3	3.02	100.67	2.10	70.00
SWD003	213.10	216.10	3	3.00	100.00	2.37	79.00
SWD003	216.10	219.10	3	3.00	100.00	2.28	76.00
SWD003	219.10	222.10	3	3.00	100.00	2.14	71.33
SWD003	222.10	225.10	3	3.00	100.00	2.62	87.33
SWD003	225.10	228.10	3	3.00	100.00	2.04	68.00
SWD003	228.10	231.10	3	3.00	100.00	2.67	89.00
SWD003	231.10	234.10	3	3.00	100.00	2.61	87.00
SWD003	234.10	237.10	3	3.00	100.00	2.81	93.67
SWD003	237.10	240.10	3	3.00	100.00	2.73	91.00
SWD003	240.10	243.10	3	3.00	100.00	2.77	92.33
SWD003	243.10	246.10	3	3.00	100.00	2.00	66.67
SWD003	246.10	249.10	3	2.94	98.00	2.00	66.67
SWD003	249.10	252.10	3	3.06	102.00	2.60	86.67
SWD003	252.10	255.10	3	3.00	100.00	1.94	64.67

SWD003	255.10	258.10	3	3.00	100.00	2.85	95.00
SWD003	258.10	261.10	3	3.05	101.67	2.67	89.00
SWD003	261.10	264.10	3	3.00	100.00	2.48	82.67
SWD003	264.10	267.10	3	3.00	100.00	2.53	84.33
SWD003	267.10	270.10	3	2.98	99.33	2.30	76.67
SWD003	270.10	273.10	3	3.05	101.67	2.16	72.00
SWD003	273.10	276.10	3	3.00	100.00	2.88	96.00
SWD003	276.10	279.10	3	2.95	98.33	2.37	79.00
SWD003	279.10	282.10	3	3.05	101.67	2.90	96.67
SWD003	282.10	285.10	3	3.00	100.00	2.69	89.67
SWD003	285.10	288.10	3	3.00	100.00	2.80	93.33
SWD003	288.10	291.10	3	2.96	98.67	2.92	97.33
SWD003	291.10	294.10	3	3.04	101.33	2.94	98.00
SWD003	294.10	297.10	3	3.00	100.00	2.80	93.33
SWD003	297.10	300.10	3	2.95	98.33	1.60	53.33
SWD003	300.10	303.10	3	3.00	100.00	1.56	52.00
SWD003	303.10	306.10	3	2.94	98.00	2.06	68.67
SWD003	306.10	309.10	3	2.97	99.00	2.03	67.67
SWD003	309.10	312.10	3	2.95	98.33	1.75	58.33
SWD003	312.10	315.10	3	2.93	97.67	2.80	93.33
SWD003	315.10	318.10	3	3.00	100.00	2.34	78.00
SWD003	318.10	321.10	3	3.00	100.00	2.77	92.33
SWD003	321.10	324.10	3	3.00	100.00	2.22	74.00
SWD003	324.10	327.10	3	3.06	102.00	2.53	84.33
SWD003	327.10	330.10	3	2.98	99.33	2.01	67.00
SWD003	330.10	333.10	3	3.00	100.00	2.10	70.00
SWD003	333.10	336.10	3	3.00	100.00	1.16	38.67
SWD003	336.10	339.10	3	3.07	102.33	2.31	77.00
SWD003	339.10	342.10	3	3.00	100.00	3.00	100.00
SWD003	342.10	345.10	3	3.00	100.00	3.00	100.00
SWD003	345.10	348.10	3	3.00	100.00	3.00	100.00
SWD003	348.10	351.10	3	3.00	100.00	2.60	86.67
SWD003	351.10	354.10	3	3.00	100.00	2.66	88.67

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	SWD003	65.4	66.4	434064	0.01	4	184	6556	13500	20080502
SMRV	V19	SWD003	66.4	67.4	434065	<0.01	1	18	317	814	20080502
SMRV	V19	SWD003	126	127	434066	<0.01	2	199	1187	493	20080502
SMRV	V19	SWD003	127	128	434067	0.01	2	579	1769	875	20080502
SMRV	V19	SWD003	128	129	434068	0.01	2	99	1879	8262	20080502
SMRV	V19	SWD003	129	130	434069	<0.01	2	32	441	3691	20080502
SMRV	V19	SWD003	177	178	434070	<0.01	1	12	148	243	20080502
SMRV	V19	SWD003	178	179	434071	<0.01	2	261	685	490	20080502
SMRV	V19	SWD003	179	180	434072	<0.01	1	10	156	545	20080502
SMRV	V19	SWD003	180	182	434073	<0.01	1	102	158	490	20080502
SMRV	V19	SWD003	182	184	434074	<0.01	2	40	143	455	20080502
SMRV	V19	SWD003	184	185	434075	<0.01	1	20	128	442	20080502
SMRV	V19	SWD003	185	186	434076	0.01	1	107	756	1371	20080502
SMRV	V19	SWD003	186	187	434077	<0.01	2	156	746	5253	20080502
SMRV	V19	SWD003	187	189	434078	<0.01	2	61	217	601	20080502
SMRV	V19	SWD003	189	191	434079	<0.01	1	15	145	549	20080502
SMRV	V19	SWD003	191	192	434080	0.01	1	25	279	354	20080502
SMRV	V19	SWD003	192	194	434081	<0.01	1	19	178	484	20080502
SMRV	V19	SWD003	194	195	434082	<0.01	2	17	214	275	20080502
SMRV	V19	SWD003	195	197	434083	<0.01	1	21	218	401	20080502
SMRV	V19	SWD003	197	199	434084	<0.01	1	11	148	331	20080502
SMRV	V19	SWD003	199	200	434085	<0.01	1	23	282	997	20080502
SMRV	V19	SWD003	200	201	434086	<0.01	2	29	369	1267	20080502
SMRV	V19	SWD003	201	202	434087	<0.01	2	14	124	439	20080502
SMRV	V19	SWD003	234.5	236	434088	<0.01	2	7	170	389	20080502
SMRV	V19	SWD003	236	237	434089	<0.01	2	9	100	237	20080502
SMRV	V19	SWD003	237	238	434090	<0.01	2	7	121	243	20080502
SMRV	V19	SWD003	252	253	434091	<0.01	2	14	229	707	20080502
SMRV	V19	SWD003	253	254	434092	<0.01	2	33	453	850	20080502
SMRV	V19	SWD003	254	255	434093	<0.01	2	151	715	1190	20080502
SMRV	V19	SWD003	261	262	434094	<0.01	<1	48	60	367	20080502
SMRV	V19	SWD003	262	263	434095	<0.01	<1	30	60	269	20080502
SMRV	V19	SWD003	263	264	434096	<0.01	<1	11	59	283	20080502
SMRV	V19	SWD003	264	265	434097	<0.01	1	9	87	186	20080502
SMRV	V19	SWD003	265	266	465001	<0.01	1	17	174	230	20080502
SMRV	V19	SWD003	266	267	465002	<0.01	<1	10	124	194	20080502
SMRV	V19	SWD003	267	268	465003	<0.01	1	13	185	286	20080502
SMRV	V19	SWD003	268	269	465004	<0.01	1	14	175	295	20080502
SMRV	V19	SWD003	269	270	465005	<0.01	1	13	183	461	20080502
SMRV	V19	SWD003	270	271	465006	<0.01	<1	12	130	179	20080502
SMRV	V19	SWD003	271	273	465007	<0.01	<1	10	88	425	20080502
SMRV	V19	SWD003	273	275	465008	<0.01	<1	15	104	343	20080502
SMRV	V19	SWD003	217.5	219	465009	<0.01	<1	18	384	538	20080502
SMRV	V19	SWD003	219	221	465010	<0.01	1	35	425	584	20080502
SMRV	V19	SWD003	221	223	465011	<0.01	<1	11	268	419	20080502
SMRV	V19	SWD003	223	225	465012	<0.01	<1	12	249	482	20080502
SMRV	V19	SWD003	225	227	465013	<0.01	1	10	134	502	20080502
SMRV	V19	SWD003	227	228	465014	<0.01	1	9	144	489	20080502
SMRV	V19	SWD003	228	230	465015	<0.01	<1	11	95	302	20080502
SMRV	V19	SWD003	287	289	465016	<0.01	<1	15	168	460	20080502
SMRV	V19	SWD003	289	291	465017	<0.01	<1	9	384	365	20080502
SMRV	V19	SWD003	291	292	465018	<0.01	1	9	424	400	20080502
SMRV	V19	SWD003	292	293	465019	<0.01	<1	7	288	364	20080502
SMRV	V19	SWD003	293	294	465020	<0.01	<1	16	406	579	20080502
SMRV	V19	SWD003	294	296	465021	<0.01	<1	7	69	372	20080502
SMRV	V19	SWD003	309	310	465022	<0.01	1	14	257	577	20080502
SMRV	V19	SWD003	310	312	465023	<0.01	<1	8	154	105	20080502
SMRV	V19	SWD003	312	313	465024	<0.01	<1	7	1057	303	20080502
SMRV	V19	SWD003	313	314	465025	<0.01	1	12	2520	390	20080502
SMRV	V19	SWD003	314	315	465026	<0.01	<1	3	318	146	20080502
SMRV	V19	SWD003	315	316	465027	<0.01	<1	4	127	171	20080502
SMRV	V19	SWD003	316	317	465028	<0.01	<1	5	197	162	20080502
SMRV	V19	SWD003	317	318	465029	<0.01	<1	6	206	104	20080502
SMRV	V19	SWD003	318	319	465030	<0.01	<1	5	361	121	20080502
SMRV	V19	SWD003	319	320	465031	<0.01	<1	5	383	134	20080502
SMRV	V19	SWD003	320	321	465032	<0.01	<1	4	254	102	20080502
SMRV	V19	SWD003	321	323	465033	<0.01	<1	4	216	83	20080502
SMRV	V19	SWD003	323	325	465034	<0.01	<1	6	188	90	20080502