

DH_ID	Run #	Core Drilled(m)	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Corrected		Core Loss	LITH	Description	Sulphide Minerals	%	Carbonate Minerals	%	Sample ID	Weathering	Bed		Fracture		Info		RQD	Strength	Core Quality		
					From	TO	FROM	TO	Length	FROM										TO	Spacing	Type	Dip/BCN	Freq/M						
RAV06-001C						79.71	80.16	0.45	78.65	79.10		Coal	Bright and dull (Mostly bright). Calcite on cleat faces, Pyrite smears Cleat faces, Vitreous orthorhombic cleats To 2 cm thick. Dull bands are 1 cm thick. Light and hard coal.	Py	2.00	Cal	2.00	ID 001	W6	1 to 2cm					100.00	R2	Excellent			
RAV06-001C						80.16	80.27	0.11	79.10	79.21		Clay	Soft greyish clay. Sticky and massive Small pebbles in clay Floor	-				ID 003	W6						0.00	R2	Good			
RAV06-001C						80.27	80.34	0.07	79.21	79.28		SLT	AS above SLT			Cal	1.00		W6	Massive					88.00	R6	Good			
RAV06-001C					81.02	80.34	80.69	0.35	79.28	79.63		SLT	Part of the above Interval																	
RAV06-001C	20	2.97	2.95	99.33	81.02	80.69	83.29	2.60	79.63	82.23		SLT/SH	Interbedded SLT & SH BCN 5-10, SLT; Grey, fine to med, well rounded, SH: Black, massive, 60% SLT, 40% SH	-		Cal	1.00		W6	1cm	SS	60	0.34	60.00	R6	Good				
RAV06-001C						83.29	83.64	0.35	82.23	82.58		SLT/SH	Part of the above Interval									Fr	0 to 5	0.68						
RAV06-001C					83.99	83.64	83.66		82.58	82.60	0.02		Rock Loss																	
RAV06-001C	21	3.00	3.00	100.00	83.99	83.66	86.22	2.56	82.60	85.16		SST	Grey white, coarse to medium, fairly Well sorted & rounded, 4 large Fractures running the length of the core	-		Cal	1.00		W6		Fr	90	1.31	55.00	R7	Fair				
RAV06-001C					86.99	86.22	86.66	0.44	85.16	85.60		SST	Part of the above Interval																	
RAV06-001C	22	2.97	2.96	99.66	86.99	86.66	89.19	2.53	85.60	88.13		SST	As above, except for the run is entirely course grained			Cal	Tr		W6		Fr	80	0.32	91.00	R7	Fair				
RAV06-001C						89.19	89.62	0.43	88.13	88.56		SST	Part of the above Interval									Fr	5	1.69						
RAV06-001C					89.96	89.62	89.63		88.56	88.57	0.01		Rock Loss																	
RAV06-001C	23	2.97	2.91	97.98	89.96	89.63	92.23	2.60	88.57	91.17		SST	AS above, one piece of core			Cal	Tr		W6						100.00	R7	Excellent			
RAV06-001C						92.23	92.54	0.31	91.17	91.48		SST	Part of the above Interval																	
RAV06-001C					92.93	92.54	92.60		91.48	91.54	0.06		Rock Loss																	
RAV06-001C	24	2.30	2.27	98.70	92.93	92.60	93.78	1.18	91.54	92.72		SST	As above, but with coal spars			Cal	Tr		W6		Fr	0	1.00	100.00	R7	Excellent				
RAV06-001C						93.78	94.39	0.61	92.72	93.33		SLT	Light to medium grey, well sorted Fine grained, and massive			Cal	Tr		W6	1 to 2 cm	Fr	2	2.50	81.00	R7	Excellent				
RAV06-001C						94.39	94.58	0.19	93.33	93.52		SLT	Part of the above Interval																	
RAV06-001C						94.58	94.87	0.29	93.52	93.81		SLT/SST	Interbedded SLT/SST, with SH layers. BCN of bedding 5 SST: light grey, course grained, rounded, SLT: fine grained, SH: black, massive	-		Cal	Tr		W6	1 to 2 cm	Fr	3	6.80	55.00	R7	Good				
RAV06-001C					95.23	94.87	94.90		93.81	93.84	0.03		Rock Loss																	
RAV06-001C	25	2.97	2.92	98.32	95.23	94.90	96.08	1.18	93.84	95.02		SLT/SST	As above, abrupt contact with SLT, but rubbely AS above SLT, but with rip up clasts Above SST (sharp lower	Py	Tr	Cal	1.00		W6	1 to 2 cm	Fr	0	1.69	100.00	R7	Excellent				
RAV06-001C						96.08	96.65	0.57	95.02	95.59		SLT	contact)	Py	Tr	Cal	Tr		W6		Fr	3	3.50	94.00	R7	Excellent				
RAV06-001C						96.65	96.99	0.34	95.59	95.93		SST	As above SST	Py	Tr	Cal	Tr		W6		Fr	3	5.90	91.00	R7	Excellent				
RAV06-001C						96.99	97.45	0.46	95.93	96.39		SLT	As above SLT, but with a few Shale beds. Sulphides along fracture faces	Py	1.00	Cal	Tr		W6	1mm shale	Fault	50	1.20	85.00	R7	Excellent				
RAV06-001C						97.45	97.82	0.37	96.39	96.76		SLT	Part of the above Interval																	
RAV06-001C					98.20	97.82	97.87		96.76	96.81	0.05		Rock Loss																	
RAV06-001C	26	2.97	2.95	99.33	98.20	97.87	99.84	1.97	96.81	98.78		SLT/SH	Thinly interbedded SLT & SH.			Cal	Tr		W6		Fr	0 to 10	4.06	93.00	R7	Excellent				
RAV06-001C						99.84	100.37	0.53	98.78	99.31		SLT/SH	Thinly interbedded Spars, thin wispy coal	Py	Tr	Cal	Tr		W6	>1cm	Fr	5 to 10	>1cm	70.00	R7	Excellent				
RAV06-001C						100.37	100.82	0.45	99.31	99.76		SLT/SH	Part of the above Interval																	
RAV06-001C					101.17	100.82	100.84		99.76	99.78	0.02		Rock Loss																	
RAV06-001C	27	3.05	3.02	99.02	101.17	100.84	102.24	1.40	99.78	101.18		SLT/SH	As above SLT/SH	Py	1.00	Cal	Tr		W6	>1mm	Fr	5	2.86	100.00	R7	Good				
RAV06-001C						102.24	102.31	0.07	101.18	101.25		Coally SH	Black, massive, very thin carbonaceous layers	Py	Tr	Cal	Tr		W6						50.00	R6	Good			
RAV06-001C						102.31	103.11	0.80	101.25	102.05		SLT/SH	As above SLT/SH	Py	1.00	Cal	Tr		W6	>1cm	Fr	5	9.48	70.00	R6	Good				
RAV06-001C						103.11	103.86	0.75	102.05	102.80		SLT/SH	Part of the above Interval																	
RAV06-001C					104.22	103.86	103.89		102.80	102.83	0.03		Rock Loss																	
RAV06-001C	28	2.97	2.90	97.64	104.22	103.89	104.94	1.05	102.83	103.88		SST	Grey/White coarse grained, well rounded, massive, coal spars, coal lens	-					W6		Fr	1	0.95	100.00	R7	Excellent				
RAV06-001C						104.94	106.25	1.31	103.88	105.19		SLT	Grey. Fine grained, Massive, thin SH beds Through out (wispy)			Cal	Tr		W6		Fr	4	0.54	100.00	R7	Excellent				
RAV06-001C						106.25	106.79	0.54	105.19	105.73		SLT	Part of the above Interval																	
RAV06-001C					107.19	106.79	106.86		105.73	105.80	0.07		Rock Loss																	
RAV06-001C	29	2.97	2.86	96.30	107.19	106.86	109.16	2.30	105.80	108.10		SLT	As above SLT			Cal	Tr		W6		Fr	3	2.10	100.00	R7	Excellent				
RAV06-001C						109.16	109.72	0.56	108.10	108.66		SLT	Part of the above Interval																	
RAV06-001C					110.16	109.72	109.83		108.66	108.77	0.11		Rock Loss																	
RAV06-001C	30	2.89	2.89	100.00	110.16	109.83	112.06	2.23	108.77	111.00		SST/SH	SST: Grey course to very course Moderately sorted, SH: black massive, less than 1mm thick wispy sh stringers BCN for SH is 10 degrees, very hard	-		Cal	1.00		W6	>1mm sh	Fr	10	6.23	100.00	R7	Excellent				
RAV06-001C					113.05	112.06	112.72	0.66	111.00	111.66		SST/SH	Part of the above Interval																	
RAV06-001C	31	3.05	2.78	91.15	113.05	112.72	113.47	0.75	111.66	112.41		SST/SH	As above SST/SH	Py	1.00	Cal	Tr		W6	>1mm sh	Fr	15	1.33	100.00	R7	Excellent				
RAV06-001C						113.47	113.57	0.10	112.41	112.51		SST/SH	Roof Sample, Part of the above Interval						ID 004											
RAV06-001C						113.57	114.29	0.72	112.51	113.23		Coal	Bright and dull / black Vitreous orthorhombic cleats, 1 to 2 cm thick, 5 Mudstone partings that are 1 cm thick, 80% bright, 20% dull, 0.33 cm of the seam is broken, but the dull layers are still intact. Calcite	Py	1.50	Cal	1.00	ID 005	W6	1 to 2cm	Fr	5	27.77	54.00	R2	Fair				
RAV06-001C						114.29	114.56		113.23	113.50	0.27		Coal Loss																	
RAV06-001C						114.56	114.63	0.07	113.50	113.57		SLT	Floor Sample Dull grey/brown, massive very soft & friable	Py	1.00	Cal	1.00	ID 006	W6	>1mm							R2	Fair		
RAV06-001C						114.63	115.24	0.61	113.57	114.18		SLT	As above, but with coal spars	Py	1.00	Cal	Tr		W6		Fr	5	3.50	100.00	R7	Good				
RAV06-001C					116.10	115.24	115.77	0.53	114.18	114.71		SLT	Part of the above Interval																	
RAV06-001C	32	2.21	2.15	97.29	116.10	115.77	117.92	2.15	114.71	116.86		SST	Grey/white, course grained, well rounded, Massive, very hard, and solid. Several very Beds (wispy) 10 BCN.	-		Cal														

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					From	TO	FROM	TO	Length	FROM				TO	%	%	Spacing			Type	Dip/BCN	Freq/M	RQD					
RAV06-001C	35	3.05	3.05	100.00	122.67	122.34	124.16	1.82	121.28	123.10		SST	Grey/white, coarse grained, well sorted, coal spars, and one thin (1cm thick) coal bed	Py	Tr	Cal	Tr		W6	>1mm SH	Fr	10	0.55	100.00	R7	Excellent		
RAV06-001C					125.72	124.16	125.39	1.23	123.10	124.33		SST	Part of the above Interval															
RAV06-001C	36	3.05	3.05	100.00	125.72	125.39	127.24	1.85	124.33	126.18		SST	As above SST, but no coal stringers A few thin SH beds BCN of SH: 10.	-		Cal	Tr		W6	>1mm SH	Fr	0	0.67	100.00	R7	Excellent		
RAV06-001C					128.77	127.24	128.44	1.20	126.18	127.38		SST	Part of the above Interval															
RAV06-001C	37	3.05	2.95	96.72	128.77	128.44	130.30	1.86	127.38	129.24		SST	As above SST			Cal	1.00		W6		Fr	20	0.68	100.00	R7	Excellent		
RAV06-001C					130.30	131.39	1.09	129.24	130.33			SST	Part of the above Interval															
RAV06-001C					131.82	131.39	131.49		130.33	130.43	0.10		Rock Loss															
RAV06-001C	38	3.05	2.92	95.74	131.82	131.49	132.16	0.67	130.43	131.10		SST	As above SST, but with coal spars. Material, calcite veins running along Core. Crushed & rubblely, calcite Running along fracture surfaces	Py	1.00	Cal	1.00		W6		Fr	65	8.95	51.00	R7	Fair		
RAV06-001C					132.16	132.26	0.10	131.10	131.20			SLT/SH	Thinly interbedded SLT & SH, SH: >1mm thick, black, massive, BCN 10 SLT: grey fine grained.	Py	1.00	Cal	1.00		W6	>1cm	Fr	60	<100	0.00	R6	Poor		
RAV06-001C					132.26	133.09	0.83	131.20	132.03			SST	As above SST, but it is more fractured, Plant material. Large calcite chunks mixed in Calcite along fracture faces. Strange brown alteration on Fracture faces. Fractures filled with calcite and rock flower.	Py	2.00	Cal	2.00		W5		Fr	60 to 90	9.30	34.00	R7	Poor		
RAV06-001C					133.09	134.41	1.32	132.03	133.35			SST	Part of the above Interval															
RAV06-001C					134.87	134.41	134.54		133.35	133.48	0.13		Rock Loss															
RAV06-001C	39	2.71	2.71	100.00	134.87	134.54	136.36	1.82	133.48	135.30		SST	As above SST. But with thin (>1mm) Shale @ a BCN of 5 degrees.	Py	1.00	Cal	2.00		W6	>1mm shale	Fr	90	7.38	68.00	R7	Fair		
RAV06-001C					137.58	136.36	137.25	0.89	135.30	136.19		SST	Part of the above Interval															
RAV06-001C	40	3.05	2.93	96.07	137.58	137.25	139.04	1.79	136.19	137.98		SST	As above, but there is a carbonaceous layer 1.12m from the top of the run. BCN for SH is 15 degrees	Py	1.00	Cal	2.00		W6	>1mm shale	Fr	90	0.68	56.00	R7	Fair		
RAV06-001C					139.04	140.18	1.14	137.98	139.12			SST	Part of the above Interval									Fr	3 to 5	6.80				
RAV06-001C					140.63	140.18	140.30		139.12	139.24	0.12		Rock Loss															
RAV06-001C	41	2.83	2.83	100.00	140.63	140.30	142.57	2.27	139.24	141.51		SST	Same as above, but with SH beds @ a BCN 10 degrees.	Py	1.00	Cal	1.00		W6	>1mm shale	Fr	90	0.70	61.00	R7	Fair		
RAV06-001C					143.46	142.57	143.13	0.56	141.51	142.07		SST	Part of the above Interval															
RAV06-001C	42	1.10	1.10	100.00	143.46	144.56	143.13	144.23	1.10	142.07	143.17		SST	As above SST			Cal	2.00		W6	>1mm shale	Fr	0	9.80	84.00	R6	Fair	
RAV06-001C	43	0.61	0.00	0.00	144.56	144.23	144.31		143.17	143.25	0.08		Rock Loss															
RAV06-001C					144.31	144.61		143.25	143.55	0.30			Coal Loss. The cuttings are coal. Black vitreous chunks of coal mixed in with dull chunks of coal.															
RAV06-001C					145.17	144.61	144.84		143.55	143.78	0.23		Rock Loss															
RAV06-001C	44	1.37	0.52	37.96	145.17	144.84	145.09		143.78	144.03	0.25		Rock Loss															
RAV06-001C					145.09	145.16	0.07	144.03	144.10			SH	Roof Sample Black massive	Py	1.00	Cal	1.00	ID 007	W6		Fr	1 to 3	14.30	0.00	R6	Poor		
RAV06-001C					145.16	145.30	0.14	144.10	144.24			Coal	Broken chunks of bright and dull coal. Pyrite and calcite on cleat faces. Very thinly bedded	Py	1.00	Cal	1.00	ID 008	W6	>1.5mm	Fr			0.00	R2	Poor		
RAV06-001C					145.30	145.61	0.31	144.24	144.55			Coal	Black, bright & dull, very thinly bedded. 80% bright, 20% dull, Vitreous sheen, Bright-soft, dull-hard, Sulphide and Calcite smears along fracture faces. The coal is light in weight. The cuttings from 148.16-149.53 were collected from the discharge pipe.	Py	1.00	Cal	1.00	ID 008	W6	>1.5mm	Fr	1 to 3	6.45	43.00	R2	Good		
RAV06-001C					145.61	146.09		144.55	145.03	0.48			Coal Loss															
RAV06-001C					146.54	146.09	146.21		145.03	145.15	0.12		Coal Loss															
RAV06-001C	45	3.05	2.81	92.13	146.54	146.21	146.45		145.15	145.39	0.24		Coal Loss															
RAV06-001C					146.45	146.66	0.21	145.39	145.60			Coal	Black, vitreous sheen, bright & dull. Two 0.5 cm ash layers. First 5 cm broken & crushed. The first 5cm is 50% coal & 50% SH. Visible calcite veins throughout whole unit.	Py	1.50	Cal	1.00	ID 008	W6	>1.5mm	Fr	20	9.50	0.00	R2	Fair		
RAV06-001C					146.66	146.80	0.14	145.60	145.74			SH	Floor Sample Black, massive, coal spars, calcite veinlets	Py	1.00	Cal	1.00	ID 009	W6		Fr	25	14.30	0.00	R6	Fair		
RAV06-001C					149.59	146.80	149.26	2.46	145.74	148.20		SST	Crushed.	Py	1.00	Cal	1.00		W6	1mm shale	Fr	15	0.40	98.00	R7	Good		
RAV06-001C	46	3.05	2.96	97.05	149.59	149.26	149.46	0.20	148.20	148.40		SST	As above SST	Py	1.00	Cal	Tr		W6	0.5 to 1 cm	Fr	0	5.00	100.00	R7	Excellent		
RAV06-001C					149.46	152.22	2.76	148.40	151.16			SLT/SH	Interbedded SLT & SH, massive, SH: 0.5-1cm beds, BCN 0 to 5, mottled over entire run, 80% SLT 20% SH.	-					W6	1 to 2 cm				92.00	R7	Excellent		
RAV06-001C					152.64	152.22	152.31		151.16	151.25	0.09		Rock Loss															
RAV06-001C	47	1.52	1.51	99.34	152.64	152.31	153.82	1.51	151.25	152.76		SLT/SH	As above SLT/SH	Py	1.00	Cal	2.00		W6	0.5 to 1 cm	Fr	5 to 10	5.96	91.00	R7	Good		
RAV06-001C					154.16	153.82	153.83		152.76	152.77	0.01		Rock Loss															
RAV06-001C	48	3.05	3.01	98.69	154.16	153.83	155.34	1.51	152.77	154.28		SST/SH	SST: Med. to coarse grained well rounded, massive, 2.50m into a fault filled with 1 cm thick calcite. SH: 5 to 10 BCN	Py	1.00	Cal	2.00		W6	0.5 to 1 cm	Fr	Fault	85.00	0.66	R7	Good		
RAV06-001C					155.34	156.84	1.50	154.28	155.78			SST/SH	Part of the above Interval									Fr	5 to 10	3.65				
RAV06-001C					157.21	156.84	156.88		155.78	155.82	0.04		Rock Loss															
RAV06-001C	49	3.05	2.93	96.07	157.21	156.88	157.53	0.65	155.82	156.47		SST	Grey/white/black, coarse grained, well Rounded, well sorted, SH stringers, and plant material	-		Cal	Tr		W6	>0.5mm	Fr	10	4.63	89.00	R7	Excellent		
RAV06-001C					157.53	158.21	0.68	156.47	157.15			SLT/SH	SLT: greyish white, fine grained Well sorted, mottled appearance, SH: massive, coal spars, sulphides & Smears along fracture faces. Towards bottom of run.	Py	Tr	Cal	1.00		W6	1 to 4 mm	Fr	10	3.07	100.00	R7	Excellent		
RAV06-001C					158.21	159.81	1.60	157.15	158.75			SLT/SH	Part of the above Interval															
RAV06-001C					160.26	159.81	159.93		158.75	158.87	0.12		Rock Loss															
RAV06-001C	50	3.05	2.96	97.05	160.26	159.93	160.09	0.16	158.87	159.03		SLT/SH	As above SLT/SH, sharp contact with below unit.			Ca1	1.00		W6	0.5 to 1 cm	Fr	20	6.25	63.00	R7	Good		
RAV06-001C					160.09	161.29	1.20	159.03	160.23			SST/SH	Grey white, coarse grained well sorted, massive. SH: 0.5mm to 1cm thick beds, Coal spars, plant material 30%SH.	Py	1.00	Cal	1.00		W6	0.5 to 1 cm	Fr	1 to 20	10.12	66.00	R7	Excellent		
RAV06-001C					161.29	162.86	1.57	160.23	161.80			SST/SH	Part of the above Interval															
RAV06-001C					162.86	162.89	0.03	161.80	161.83			SLT/SH	As above SLT/SH unit, BCN 10 degrees, Large mudstone clasts in SLT.	-		Cal	Tr		W6	.5mm					96.00	R7	Excellent	
RAV06-001C					163.31	162.89	162.98		161.83	161.92	0.09		Rock Loss															
RAV06-001C	51	2.04	2.04	100.00	163.31	162.98	163.06	0.08	161.92	162.00		SLT/SH	As above unit															

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					From	TO	FROM	TO		FROM	TO									Type	Dip/BCN	Freq/M	RQD	Strength		Quality	
RAV06-002C						0.00	2.13	2.13					OB	Over Burden													
RAV06-002C						2.13	16.00	13.87					SLT	Greyish White Fine Grained			2001										
RAV06-002C						16.00	21.81	5.81					SH	Black Massive and Soft			2002										
RAV06-002C						21.81	23.90	2.09					SLT	Grey Fine Grained			2003										
RAV06-002C						23.90	42.20	18.30					SH/SLT	SH: black, massive SLT: Grey Fine Grained			2004										
RAV06-002C						42.20	54.48	12.28					SST	Light Grey, Medium Grained			2005										
RAV06-002C						54.48	58.15	3.67					SLT/SH	SH: black, massive SLT: Grey Fine Grained			2006										
RAV06-002C						58.15	58.70			0.55			Coal	Coal Loss													
RAV06-002C						58.70	60.70	2.00					SLT/SH	SH: black, massive SLT: Grey Fine Grained			2006										
RAV06-002C						60.70	61.30			0.60			Coal	Coal Loss													
RAV06-002C						61.30	66.08	4.78					SST	Medium Grey, Coarse to Medium Grained			2007										
RAV06-002C						66.08	71.68	5.60					SLT	Dark Grey Medium Grained			2008										
RAV06-002C						71.68	72.76	1.08					SST	Dark Grey Coarse Grained			2009										
RAV06-002C						72.76	76.72	3.96					SLT	Light Grey, Medium Grained			2010										
RAV06-002C						76.72	78.72	2.00					SH	Black Massive			2110										
RAV06-002C						78.72	82.86	4.14					SH/SLT	SH: black, massive SLT: Grey Fine Grained			2011										
RAV06-002C						82.86	84.86	2.00					SLT	Medium Grey, Fine Grained			2012										
RAV06-002C						84.86	87.46	2.60					SST	Brown/Grey Medium Grained			2013										
RAV06-002C						87.46	93.56	6.10					SLT	Light Grey, Fine Grained			2014										
RAV06-002C						93.56	94.56	1.00					SLT/SH	SLT as above, SH: Black Massive			2015										
RAV06-002C						94.56	97.00	2.44					SLT	Light Grey, Fine Grained			2016										
RAV06-002C						97.00	98.05	1.05					Coal	Black Bright			2017										
RAV06-002C						98.05	101.16	3.11					SST	Grey Coarse Grained			2018										
RAV06-002C						101.16	103.16	2.00					SLT/SH	SLT: Dark Grey Fine Grained, SH: Black, Massive			2019										
RAV06-002C						103.16	111.25	8.09					SLT	Light Grey, Fine Grained			2020										
RAV06-002C						111.25	127.54	16.29					SLT	Light Grey Fine Grained			2021										
RAV06-002C						127.54	134.00	6.46					SH/SLT	SLT as above, SH: Black Massive			2022										
RAV06-002C						134.00	134.20	0.20					SH	Black Massive Very Fine Grained			2023										
RAV06-002C						134.20	135.35			1.15			Coal	Coal Loss													
RAV06-002C						134.20	152.40	18.20					SLT	Grey, Fine Grained			2033										
RAV06-002C						152.40	160.00	7.60					SLT/SH	SLT as above, SH: Black Massive			2034										
RAV06-002C						160.00	173.40	13.40					SLT/SH	SLT as above, SH: Black Massive			2035										
RAV06-002C						173.40	174.00	1.17	172.75	173.92			Coal	Black, Bright & Dull Clasts			2036										
														Black, Bright and Dull, Alternating layers of dull coal "disks" and broken crushed layers of bright coal. The dull coal is very hard, but light. The broken Vitreous layers still have visible cleating on the cleats. Most of clast are broken up cubes, a reflection of the cleavage. The cleats vary in thickness from 1mm to 1cm, and have pyrite smears and calcite on them. As well calcite is forming on the cleats and along the fracture faces. The vitreous chunks are soft, light, and it is in these layers where we most likely had core loss. The cuttings from this run were saved. From the recovered core: 65% dull (durain) and 35% bright (vitrain). A lot of the dull disks of coal had slickensides.	Pyrite	2	Calcite	1	2201	W6	1mm to 1cm	Fracture	0 to 1	<30	0	R2	Poor
RAV06-002C	1	2.90	1.40	48	174.00	174.00	175.00	1.00	173.92	174.92			Coal	Part of above unit			2202										
RAV06-002C						175.00	175.30	0.30	174.92	175.22			Coal	Coal Loss													
RAV06-002C						175.30	176.80		175.22	176.72	1.50			Solid, dull and bright. Thin shale layers throughout. 90% coal & 10% shale, 70% dull & 30% bright	Pyrite	1	Calcite	1	2202	W6	1mm	SS	5	10	100	R2	Fair
RAV06-002C					176.90	176.80	176.90	0.10	176.72	176.82			Coal	Coal Loss													
RAV06-002C	2	2.90	2.74	94	176.90	176.90	177.06		176.82	176.98	0.16			Black bright pyrite smears very thin cleats (less than 1 mm) broken & crushed	Pyrite	1	-	-		W6	1mm	-	-	-	0	R2	Poor
RAV06-002C						177.06	177.08	0.02	176.98	177.00			Coal	Floor Sample, Light Grey, fine grained, massive, plant material, carbonaceous	-		2203	W6	Massive	Fr	1 to 3	<20	56	R6	Poor		
RAV06-002C						177.08	177.18	0.10	177.00	177.10			SLT	Part of above unit													
RAV06-002C						177.18	177.78	0.60	177.10	177.70			SLT	Light Grey, White, Black, coarse grained, pyrite smears throughout, calcite veins running along the core, coal spars, and coal veinlets, plant material, broken and crushed, 90% SST & 8%SH & 2% COAL, thin wispy	Pyrite	1	Calcite	2		W6	SH 1mm	Fr	2 to 6	<20	17	R4	Poor
RAV06-002C					179.80	178.74	179.80	1.06	178.66	179.72			SST	1mm thick Shale beds (BCN 5 to 6)	As	TR					W6	SH 1mm	Fr	80 to 90	3		
RAV06-002C						179.80	180.73	0.93	179.72	180.65			SST	As above SST, but more calcite infilling fractures	Pyrite	1	Calcite	2		W6	SH 1mm	Fr	3 to 5	6.45	37	R6	Poor

DH_ID	Run #	Core Drilled	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Length	Corrected		Core Loss	LITH	Description	Sulphide Minerals %	Carbonate Minerals %	Sample ID	Weathering	Bed		Fracture			Info	Core			
					From	TO	FROM	TO		FROM	TO								Spacing	Type	Dip/BCN	Freq/M	RQD			Strength	Quality	
RAV06-003C						0	32						OB	Overburden														
RAV06-003C						32	85.34						SLT/SH	SLT: grey fine grained, SH: black massive	-		3001											
RAV06-003C						85.34	86.87						SH/SLT	As above but 80% SH & 20% SLT	-		3002											
RAV06-003C						86.87	97.54						SLT/SH	SLT: grey fine grained, SH: black massive	-		3003											
RAV06-003C						97.54	98.54						SST/SH	SST: Light grey, coarse grained, massive SH: black massive 90% SST & 10% SH	-		3004											
RAV06-003C						98.54	102.15						SST/SLT	SST: As above, SLT: Dark grey, massive	-		3005											
RAV06-003C						102.15	103.15						SLT/SST	As above but 70% SLT & 30% SST	-		3006											
RAV06-003C						103.15	104.15						SST/SLT	As above but 70% SST & 30% SLT	-		3007											
RAV06-003C						104.15	105.15						SLT/SST	As above but 70% SLT & 30% SST	-		3008											
RAV06-003C						105.15	137.73						SLT/SH	SLT: Grey fine grained SH: black massive	-		3009											
RAV06-003C						137.73	142.35						SLT/SST	SLT: Medium grey fine grained SST: light grey, coarse grained	-		3010											
RAV06-003C						142.35	143.35						SLT/SH	SLT: medium grey fine grained, SH: black, massive	-		3011											
RAV06-003C						143.35	144.35						SST/SH	SST: Light grey, coarse grained, massive SH: black massive	-		3012											
RAV06-003C						144.35	153.32						SH/COAL	SH: black, massive COAL: tiny bright chunks 95% SH & 5% COAL	-		3013											
RAV06-003C						153.32	153.92						COAL	COAL: dull & bright, some SH	-		3014											
RAV06-003C	1	1.98	0.91	45.96	153.92	153.92	154.52	0.60					COAL/SLT	Powdery black coal surrounding chunks of SLT. Gas could be heard escaping from the core for several minutes. Fault Zone: core broken and crushed into large chunks of SLT. 80% SLT & 20% coal	Pyrite	1	Calcite	Tr		W4		Fr	-	<50	0	R1	Poor	
RAV06-003C						154.52	154.83	0.31					Clay	Greyish Clay that is either fault gouge or some kind of paleosole. Extremely fine grained, somewhat sticky.	-					W1					0	C2	Poor	
RAV06-003C						155.90	154.83	155.90			1.07			Core Loss														
RAV06-003C	2	2.90	0.85	29.31	155.90	155.90	156.05	0.15					SLT/Clay	Large angular chunks of SLT surrounded by fine crushed coal (packed in cuttings). As well there is a soft greyish black clay material surrounding the chunks of SLT. Might be rock flower. 70% SLT & 25% Clay and 5% Coal. A definite fault zone. Numerous calcite veinlets on SLT chunks, greenish alteration on SLT chunks	-		Calcite	1		W1		Fr	70	6.67	0	R1	Poor	
RAV06-003C						156.05	156.15	0.10					SLT/Clay	Roof Sample, Part of above unit Broken crushed, powdery bits of coal. Bright and dull bits ground down to coarse size grains. As well clay is mixed into the interval. The clay is fine to very fine, powdery. 60% coal & 40% clay. I do not if this is a coal seam, or up hole	-													
RAV06-003C						156.15	156.75	0.60					Coal/Clay	contamination, but I sampled it.	-		10301		W1						<100	0	R1	Poor
RAV06-003C						156.75	158.80				2.05			Coal Loss														
RAV06-003C	3	2.90	2.38	82.07	158.80	158.80	158.85	0.05					Coal/Clay	As above Coal/Clay	-		10301											
RAV06-003C						158.85	158.95	0.10					SLT/Clay	A mixture of SLT clasts & clay, and weathered SLT. SLT: fine grained, heavily weathered, but angular, grey colour. Clay: blackish grey, powdery. Weathered SLT: half in between SLT and Clay. Still resembled SLT, but has a consistency of clay.	-		Calcite	1	10303	W1		Fr	70	2	0	R1	Poor	
RAV06-003C						158.95	159.25	0.30					SLT/Clay	Part of above unit	-													
RAV06-003C						159.25	159.35	0.10					SLT/Clay	Part of above unit	-													
RAV06-003C						159.35	160.32	0.97					SST/Clay	Grey white, coarse grained, covered with calcite veins. Calcite veins are generally at 90 BCN, with one calcite vein at 0 BCN. Clay: brownish black, soft powdery. Greyish black with chunks of the above SST unit in a clay matrix. The clay isn't sticky, but is powdery. It is fine grained. The SST chunks are friable and very	-		Calcite	3		W1		Fr	60	4.12	21	R1	Fair	
RAV06-003C						160.32	160.86	0.54					Clay/SST	weathered. 85% clay & 15% SST clasts	-		Calcite	Tr		W1					0	C1	Fair	

DH_ID	Run #	Core Drilled	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Length	Corrected		Core Loss	LITH	Description	Sulphide Minerals %	Carbonate Minerals %	Sample ID	Weathering	Bed Spacing	Fracture Info			RQD	Strength	Core Quality	
					From	TO	FROM	TO		FROM	TO									Type	Dip/BCN	Freq/M				
RAV06-004C							0.00	9.75	9.75				OB	Overburden	-											
RAV06-004C							9.75	16.80	7.05				SLT	SLT: Light grey, fine grained	-		4001									
RAV06-004C							16.80	17.80	1.00				SLT/SH	SLT: Light grey, fine grained SH: Black Massive	-		4002									
RAV06-004C							17.80	19.80	2.00				SLT	SLT: Light grey, fine grained	-		4003									
RAV06-004C							19.80	39.60	19.80				SLT/SH	SLT: Light grey, fine grained SH: Black Massive	-		4004									
RAV06-004C							39.60	40.60	1.00				SST	SST: Light grey, coarse grained	-		4005									
RAV06-004C							40.60	42.67	2.07				SLT/SH	SLT: Light grey, fine grained SH: Black Massive	-		4006									
RAV06-004C							42.67	43.89	1.22				SLT/SST	SLT: Light grey, fine grained, SST: light grey, coarse grained to medium grained	-		4007									
RAV06-004C							43.89	44.50	0.61				SLT/SST	As above, but less SST. SST has become a dark grey	-		4008									
RAV06-004C							44.50	50.30	5.80				SST	light grey coarse to medium grained	-		4009									
RAV06-004C							50.30	59.43	9.13				SST/SH	SST: grey coarse to fine grained SH: black massive	-		4010									
RAV06-004C							59.43	65.00	5.57				SH/SLT	SH as above, 60% SH, 38% SLT and 2% grey clay	-		4011									
RAV06-004C							65.00	68.00	3.00				SLT/SH	AS above, but 70% SLT & 30% SH	-		4012									
RAV06-004C							68.00	69.00	1.00				SH/SLT	80% SH and 20% SLT	-		4013									
RAV06-004C							69.00	155.45	86.45				SLT/SH	80% SLT and 20% SH	-		4014									
RAV06-004C							155.45	173.00	17.55				SH/SST	SST: Grey coarse grained SH: black massive	-		4015									
RAV06-004C							173.00	196.60	23.60				SLT/SH	89% SLT & 11% SH	-		4016									
RAV06-004C							196.60	204.78	8.18				SLT/SH	80% SLT and 20% SH	-		4017									
RAV06-004C							204.78	227.07	22.29				SST	Grey and coarse grained	-		4018									
RAV06-004C							227.07	233.32	6.25				SST/SH	85% SST & 15% SH	-		4019									
RAV06-004C	1	2.29	1.89	83	233.32	233.32	233.72				0.4			Rock Loss	-											
RAV06-004C							233.72	234.15	0.43				SLT	Blackish grey SLT, Medium to fine grained, well sorted, well rounded, massive. The core os broken & crushed into angular chunks, roak flower present	-	-	-	-	W6	Massive	-	-	<40	0	R7	Poor
RAV06-004C							234.15	234.89	0.74				SST	Greenish grey SST, course grained, well rounded, well sorted, massive SST as above, SH: blk, 80%SST, 20% SH, Mottled appearance, Sh lens & stringers & fossils	Py	Tr	Cal	Tr	W6	massive	Fr	65	1.35	88	R7	Ex
RAV06-004C					235.61	234.89	235.61	0.72					SST/SH	Greenish grey, course grained, massive, a few shale lens & stringers, numerous calcite lens. Calcite replacing fossils, maybe coral, numerous pleyspod fossils in SST, The last 0.42 cm has a strange greenish alteration to it. (Maybe H2O Level????)	Py	Tr	Cal	Tr	W6	SH<1mm	Fr	1 to 2	1.49	82	R7	EX
RAV06-004C	2	2.9	2.9	100	235.61	235.61	236.57	0.96					SST	Part of the above SST	-		Cal	1.5	W6		Fr	2 to 4	2.37	92	R7	Ex
RAV06-004C					238.51	236.57	238.51	1.94					SST	As above SST, except for fewer fossils	-		Cal	Tr	W6		Fr	1 to 3	1.41	100	R7	Ex
RAV06-004C	3	2.9	2.86	99	238.51	239.25	241.37	2.12					SST	As above SST, but with more SH Stringers. Sh Stringers have a BCN of 10 degrees, Clam and coral fossils through out.	-		Cal	2	W6		Fr	1 to 3	2.4	88	R7	Ex
RAV06-004C					241.41	242.22	244.31	2.09					SST	Part of the above SST	-		Cal	2	W6		Fr	1 to 2	2.06	100	R7	Ex
RAV06-004C	4	2.9	2.9	100	241.41	241.41	242.22	0.81					SST	AS above SST, but more Sh Stringers (BCN 10)	-		Cal	2	W6		Fr	1 to 2	2.06	100	R7	Ex
RAV06-004C					247.21	245.15	247.21	2.06			0.04		SST	Part of the above SST	-		Cal	1	W6		Fr	1 to 3	1.27	100	R7	Ex
RAV06-004C	5	2.9	2.9	100	244.31	244.31	245.15	0.84					SST	70% SST & 30% SH, Mottled appearance, numerous SH Stringers in SST. SST: greyish green coarse grained, SH: black, massive. Over run fossils & plant material present.	-		Cal	1	W6		Fr	1 to 3	1.27	100	R7	Ex
RAV06-004C					247.21	245.15	247.21	2.06					SST		-		Cal	1	W6		Fr	1 to 3	1.27	100	R7	Ex
RAV06-004C	6	2.9	2.9	100	247.21	247.21	248.00	0.79					SST/SH		-		Cal	1	W6		Fr	1 to 3	1.27	100	R7	Ex

RAV06-004C	12	2.9	2.9	100	264.61	264.61	265.78	1.17	SST	As above SST						Fr	10	2.46	100	R7	Ex	
RAV06-004C						265.78	265.87	0.09	SH/SST	90% Shale & 10% SST, SH: black massive. Two (0.5cm thick) coal beds of brightly cleated coal.	-				W6				0	R6	Ex	
RAV06-004C						265.87	266.22	0.35	SST/SH	Greyish White, coarse grained, well rounded, well sorted. Fractures are along sh stringers, fossils, 95% SST & 5% SH	-				W6	Fr	1 to 3	1.22	100	R7	Ex	
RAV06-004C					267.51	266.22	267.51	1.29	SST/SH	Part of above interval												
RAV06-004C	13	1.68	1.68	100	267.51	267.51	269.04	1.53	SST	Greyish white, coarse grained, well rounded, well sorted	-				W6	Fr	1	2.38	100	R7	Ex	
RAV06-004C					269.19	269.04	269.19	0.15	SST	Part of above interval												
RAV06-004C	14	2.9	2.9	100	269.19	269.19	271.99	2.8	SST	Greyish white, coarse grained, well rounded, well sorted	-				W6	Fr	10	3.45	100	R7	Ex	
RAV06-004C					272.09	271.99	272.09	0.1	SST	Part of above interval						Fr	2	1				
RAV06-004C	15	2.9	2.9	100	272.09	272.09	274.90	2.81	SST	Greyish white, coarse grained, well rounded, well sorted There are a series of thin SH beds in the middle of the run, with a BCN of 10 degrees	-				W6	Fr	3	2.06	100	R7	Ex	
RAV06-004C					274.99	274.90	274.99	0.09	SST	Part of above interval												
RAV06-004C	16	2.9	2.9	100	274.99	274.99	276.99	2	SST	Greyish white, coarse grained, well rounded, well sorted	-				W6	Fr	2	1	100	R7	Ex	
RAV06-004C						276.99	277.07	0.08	MST	Carboneous MST, fine grained, massive, soft, Pyrite smears	Py	2			W6				100	R4	Ex	
RAV06-004C						277.07	277.17	0.1	MST	Roof Sample, Part of above interval			10308									
RAV06-004C						277.17	277.39	0.22	Coal	Black, solid, vitreous sheen, 80% Bright & 20% Dull, orthorhombic cleavage, pyrite smears on bort cleats, Several MST stringers in the coal	Py	1		10309	W6				100	R2	Ex	
RAV06-004C						277.39	277.42	0.03	Coal	Coal as above, but broken & crushed				10309								
RAV06-004C						277.42	277.52	0.1	MST	Carboneous MST, fine grained, massive, soft, Pyrite smears	Py	1	Cal	1	10310	W6			100	R4	Ex	
RAV06-004C						277.52	277.66	0.14	MST	Part of above interval												
RAV06-004C						277.66	277.82	0.16	SST	Greyish white, coarse grained, well rounded, well sorted	-				W6				100	R7	Ex	
RAV06-004C					277.89	277.82	277.89	0.07	SST	Part of above interval												
RAV06-004C	17	2.9	2.88	99	277.89	277.89	277.91	0.02	SST	Part of above interval												
RAV06-004C						280.79	277.91	280.79	2.88	SST/SH	80 % SST & 20% SH, SST: greyish white coarse grained. SH: Black, massive, in the form of Stringers, BCN equals 0 degrees. Plant material and fossils.	-				W6	Fr	3	1.77	90	R7	Ex
RAV06-004C	18	2.9	2.9		280.79	280.79	282.50	1.71	SST/SH	As above unit, but no straight forward BCN in SH	-				W6	Fr	3	2.29	100	R7	Ex	
RAV06-004C						283.69	282.50	283.69	1.19	SST	SST: coarse grained, massive, well sorted. 3% SH Stringers, minor amount of fossils	-				W6	Fr	2 to 3	4.21	86	R7	Ex
RAV06-004C	19	2.9	2.9	100	283.69	283.69	284.44	0.75	SST	Greyish white, coarse grained, well rounded, 4 SH stringers	-				W6	Fr	3	2.67	88	R7	Ex	
RAV06-004C						284.44	284.48	0.04	SH	Broken, crushed, black massive					W6	Fr		<50	0	R6	Poor	
RAV06-004C						284.48	284.65	0.17	SLT/SH	SLT: grey, massive, fine grained 80% SST & 20% SH, SST: whitish grey, coarse grained, well sorted & rounded. SH: black, massive, SH has a BCN of 6-7 degrees. The run contains coal spars	Py	Tr	Cal	Tr	W6	Fr	3	5.89	65	R6	Fair	
RAV06-004C						284.65	285.23	0.58	SST/SH	96% SST & 20% SH	Py	Tr	Cal	1	W6	Fr	2	1.72	100	R7	Ex	
RAV06-004C					286.59	285.23	286.59	1.36	SST/SH	Part of above interval	Py	Tr	Cal	Tr	W6	Fr	10	2.84	96	R7	Ex	
RAV06-004C	20	2.9	2.9	100	286.59	286.59	286.64	0.05	SST/SH	Part of above interval												
RAV06-004C						289.49	286.64	289.49	2.85	SST	Coarse grained, greyish white, well sorted, two large (1 by 3cm) fossils. These fossils are being replaced by pyrite. Plant material, SH Stringers, one coal spar	Py	1	Cal	1	W6	Fr	3 to 5	2.13	100	R7	Ex

RAV06-004C	21	2.9	2.9	100	289.49	292.39	289.49	292.39	2.9		SST	As above, but there are 3 (2-3cm thick) layers that have a light green alteration to them. Within these zones, disseminated pyrite has accumulated. From the top of the run, depths are 0.92-0.95m, 2.81-2.82m, and 2.84-2.86m.	Py	2	Cal	Tr		W6		Fr	3 to 5	3.07	92	R7	Ex	
RAV06-004C	22	2.9	2.86	99	292.39	292.39	292.43			0.04		Rock Loss														
RAV06-004C						295.29	292.43	295.29	2.86		SST/SLT	98% SST & 2% SLT, SST: coarse grained, whitish grey, well rounded and sorted, massive, SH Stringers, coal spars, pyrite smears, Iron Staining (Hematite)	Py	1.5	Cal	0.5		W6		Fr	5 to 10	3.15	97	R7	Ex	
RAV06-004C													Hm	1												
RAV06-004C	23	2.9	2.73	94	295.29	295.29	295.69	0.4			SST/SLT	As above SST/SLT	Py	1.5	Cal	0.5		W6		Fr	3	7.5	72	R7	Good	
RAV06-004C																										
RAV06-004C						295.69	296.46		0.77		SLT/SH	SLT: greyish black, fine grained, SH: Black, massive, 60% SLT & 38% SH & 2% SST. SST Stringers, the SST is like above SST, and the stringers have a BCN of 10, coal spars, plant material	-					W6		Fr	3	5.19	100	R6	Ex	
RAV06-004C																										
RAV06-004C						296.46	297.34		0.88		Carb. SH	SH: black, massive, numerous coal spars, pyrite veinlets and calcite	Py	1.5	Cal	1		W6		Fr	5	4.45	100	R6	Ex	
RAV06-004C						297.34	297.44		0.1		Carb. SH	SH Roof Sample, Part of above interval					10311									
RAV06-004C																										
RAV06-004C						297.44	297.83		0.39		Coal	Black, bright and dull, well banded, thin vitreous cleats, orothorombic cleavage, pyrite veinlets and smears. Bubbles loudly over the coal when wet, hard and light, 70% bright & 30% dull	Py	1.5			10312	W6		Fr	4	10.25	64	R2	Good	
RAV06-004C						297.83	298.00			0.17		Coal Loss														
RAV06-004C						298.19	298.00	298.19	0.19		Carb. SH	Parting Sample, SH: black, masive, numerous coal spars and beds, soft Black, vitreous sheen, first 10 and last 5 cm are broken and crushed, thinly cleated (less then 1mm) very light, Bubbled all over the coal when sprayed, Pyrite smears in the	Py	2	Cal	Tr	10313	W6		Fr	0	15.78	65	R6	Good	
RAV06-004C	24	2.90	2.90	100	298.19	298.19	298.40	0.21			Coal	fracture faces.	Py	1	Cal	Tr	10314	W6	>1mm	Fr	3	4	50	R3	Fair	
RAV06-004C											Coal	Part of above interval					10314									
RAV06-004C						298.69	298.79		0.1		Carb. SLT	Floor Sample SLT: greyish, fine grained, coal spars, broken	Py	1			10315	W6		Fr	0	10	0	R6	Fair	
RAV06-004C						298.79	299.09		0.3		Carb. SLT	As above Carb. SLT	Py	1.5				W6		Fr	<20	53	R6	Fair		
RAV06-004C																										
RAV06-004C						299.09	299.82		0.73		SST/SH	SST: grey, coarse grained, massive, SH: black, massive, witha BCN of 10 degrees, 60% SST, 40% SH	-					W6		Fr	15 to 20	9.59	80	R7	Fair	
RAV06-004C																										
RAV06-004C						299.82	300.42		0.6		SST	SST:greyish white, coarse grained, massive. SH stringers and coal spars, last 5cm of run, one (1cm thick) coal layer	Py	Tr				W6		Fr	4	5.17	80	R7	Fair	
RAV06-004C																										
RAV06-004C						301.09	300.42	301.09	0.67		Carb. SH	Black, soft, fossils, coal spars, Top 7 cm are very carboneous and coaly. As well this 7cm carb. zone is broken and crushed.	-													
RAV06-004C	25	2.90	2.86	99	301.09	301.09	301.13			0.04		Rock Loss														
RAV06-004C																										
RAV06-004C						301.13	301.35		0.22		SST/SH	Thinly interbedded SST & SH with one rubbly zone, (32cm from the top), BCN of 5 degrees, 60% SST & 40% SH, fossils	-		Cal	Tr		W6		Fr	0	2.32	98	R7	Ex	
RAV06-004C						301.35	301.99		0.64		SST/SH	Part of above interval														
RAV06-004C																										
RAV06-004C						303.99	301.99	303.99	2.00		SST	SST: grey/white, coarse grained, well sorted, massive, coal spars, and shale stringers, some iron staining	Hm	Tr				W6		Fr	0	0.5	100	R7	Ex	
RAV06-004C	26	1.68	1.68	100	303.99	303.99	304.21	0.22			SST	As above SST	-													
RAV06-004C											SST	Part of above interval						W6		Fr	7	1.86	98	R7	Ex	

RAV06-004C	43	2.9	3.04	105	349.68	350.24	352.84	2.60		SST	As above SST, but with a BCN of 10 degrees	HM	1	Cal	1		W6	Fr	10	1.02	100	R7	Ex	
RAV06-004C						352.84	353.18	0.34		SST	Part of above interval													
RAV06-004C						352.58	353.18	353.28	0.1	SLT/SST	Broken & Crushed chunks of interbedded SLT & SST with SH Stringers. SLT: brown fine grained, iron stained, SST: light grey, coarse grained, SH: black, massive, wispy layers.	Hm	1	Cal	1		W6	Fr		<50	0	R6	Poor	
RAV06-004C	44	2.90	2.90	100	352.58	353.28	353.34	0.06		SLT/SST	Part of above interval													
RAV06-004C						353.34	355.41	2.07		SST	As above SST, except for one 14cm SLT/SH band 1.35m from the top of the run. BCN of SH beds 10 degrees	Hm	1	Cal	1		W6	Fr	10	2.42	89	R7	Good	
RAV06-004C						355.41	355.63	0.22		SLT/SH	Interbedded SLT & SH with the odd coarse grained SST bed. BCN of beds 5 to 10 degrees, one calcite veinlets, SLT: brownish black fine grained, massive, SH: Black, massive, fine grained.	Hm	2	Cal	1		W6	3mm	Fr	10	18.18	47	R6	Fair
RAV06-004C						355.48	355.63	356.18	0.55	SLT/SH	Part of above interval													
RAV06-004C	45	2.90	2.89	99.7	355.48	356.18	358.40	2.22		SLT/SH	As above SLT/SH, except this interval is broken and crushed, and is much more carboneous. Plant Material & fossil through out.	Hm	1	Cal	1		W6	1cm	Fr	5 to 10	<20	19	R6	Poor
RAV06-004C						358.40	358.50	0.10		SLT/SH	Roof Sample & Part of above interval													
RAV06-004C						358.50	358.56	0.06		Shaly Coa	75% Coal & 25% Shale Semi-solid core that is broken in places. Bubbles of gas coming out of 3 or 4 main vugs. SH beds (1mm to 1cm) are in between the coal layers. The coal is mostly made up of thin beds (>1cm) of dull black coal. Only 10% bright coal. The bright coal has orthorhombic cleavage, and a vitreous sheen. CBM for the entire Coal Seam: Loud hissing coming from the seam for about 20 minutes.	Py	1	Cal	1	10320	W6	0.5 to 1cm	Fr	5 to 10	<20	0	R2	Fair
RAV06-004C						358.56	358.78	0.22		Shaly Coa	Part of above interval													
RAV06-004C						358.78	358.79		0.01	Coal Loss														
RAV06-004C						358.79	358.86	0.07		SH	Brownish black, fine grained, massive	-					10321	W6				0	R7	Ex
RAV06-004C						358.86	359.08	0.22		Coal	Bright and dull, light, bubbles of gas coming out at four or five main points. The bright layers are thinly cleated (>2mm), but the cleavage is orthorhombic, calcite and pyrite smears concentrated on fracture faces and cleats. Hard, but brittle, semi-solid in core barrel.	Py	1			10322		Fr	5	13.63	0	R2	Fair	
RAV06-004C	46	2.90	2.07	71	358.38	359.08	359.91		0.83	Coal Loss		As	1					Fr	65	4.54				
RAV06-004C						359.91	360.11	0.20		Coal	Broken and crushed chunks of bright (51%) and dull (49%) coal. Bright layers have a vitreous sheen, and 1mm cleats. Dull layers is very hard, but light. As and Py smears are on fracture faces and on the cleats	Py	1	Cal	1	10323	W6		Fr	-	<30	0	R2	Poor
RAV06-004C						360.11	360.62	0.51		SLT	Dark grey fine grained, massive. First 15cm and last 10 cm are broken and crushed	-				10324								
RAV06-004C						360.62	360.85	0.23		Coal	Solid, black, 60% bright & 40% dull, one (4cm thick) broken and crushed zone, Bright layers are 1mm to 1cm thick, orthorhombic cleavage, and vitreous sheen. Pyrite smears on cleat faces, light and hard.	Py	1	Cal	Tr	10325	W6		Fr	5	8.69	50	R2	Fair

RAV06-005C

EOH

When we tripped out to replace a broken core bit, we were unable to get back down the hole. The hole bridged off in a fracture zone at 560'. As well the large amount salt water flowing (+100gal/min) into the hole, made conditions worse. Therefore the hole was abandoned.

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RAV06-006C	44	2.44	2.44	100.00	369.01		370.24	371.59	1.35	366.85	368.20		SST	As above SST, but much harder. BCN of SH equals 20 degrees, and BCN of Calcite veins equals 30 degrees	-	Cal	1.5		W6	Massive	Fr	3	1.63	73	R7	Excellent
RAV06-006C																				Fr	20	1.63				
RAV06-006C						371.45	371.59	372.68	1.09	368.20	369.29		SST	Part of Above Interval							Fr	85	0.41			
RAV06-006C	45	2.90	2.88	99.31	371.45		372.68	372.70		369.29	369.31	0.02		Rock Loss												
RAV06-006C							372.70	374.38	1.68	369.31	370.99		SST	Light grey/white, medium to very coarse grained, 5%SH beds. SH: black, massive, very fine grained, BCN of 0 degrees and 10 degrees. Fossils, several small coal spars, calcite veins and veinlets. As measured from the bottom of the run (67-69cm), there is a black clay or ash layer. Very soft, and malleable. extremely fine grained, with a BCN of 0 degrees.	-	Cal	1		W6	Imm to 10cr	Fr	1	3.12	83	R1	Excellent
RAV06-006C						374.35	374.38	375.58	1.20	370.99	372.19		SST	Part of Above Interval												
RAV06-006C	46	2.90	2.80	96.55	374.35		375.58	375.68		372.19	372.29	0.10		Rock Loss												
RAV06-006C							375.68	377.41	1.73	372.29	374.02		SST	Grey/white coarse to very coarse grained, massive, numerous calcite veins, (less than 1mm thick) with a BCN of 15 degrees, minor amount of fossils and plant material.	-	Cal	2		W6	Massive	Fr	20	1.79	85	R7	Excellent
RAV06-006C						377.25	377.41	378.48	1.07	374.02	375.09		SST	Part of Above Interval							SS	50	1.79			
RAV06-006C	47	2.28	2.28	100.00	377.25		378.48	380.50	2.02	375.09	377.11		SST	As above SST, except for that the SH Stringers have a BCN of 35 degrees. Most of the Slickensides are in shale beds.	-	Cal	1		W6	1cm SH bed	SS	35	5.43	61	R4	Excellent
RAV06-006C						379.53	380.50	380.76	0.26	377.11	377.37		SST	Part of Above Interval												
RAV06-006C	48	1.22	1.29	105.74	379.53	380.75	380.76	382.05	1.29	377.37	378.66		SST	As above SST, except for that the SH Stringers have a BCN of 18 degrees. One small coally shale layer (1cm thick)	-	Cal	2		W6	Imm sh bed	SS	30	2.21	76	R6	Fair
RAV06-006C																				SS	40	0.73				
RAV06-006C																				Fr	2	1.47				
RAV06-006C	49	2.90	2.95	101.72	380.75		382.05	383.92	1.87	378.66	380.53		SST/SH	80% SST & 20% SH, mottled appearance, abundant coal spars and fossils, lots of shearing, two 1cm thick coal beds, clay layers. SST: grey/white coarse to very coarse grained. SH: black fine grained, massive. Clay layers: black, sticky, very very fine grained.	-	Cal	2		W6	Imm sh bed	Fr	15	0.67	73	R6	Fair
RAV06-006C						383.65	383.92	385.00	1.08	380.53	381.61		SST/SH	Part of Above Interval												
RAV06-006C	50	2.90	2.90	100.00	383.65		385.00	385.17	0.17	381.61	381.78		SST/SLT	80% SST & 20% SLT. BCN of Beds equals 20 degrees, SST: white/grey, massive, coarse to very coarse. One bed consisting of black mud, (Thickness = 2cm).	-	Cal	1		W6	1cm to 40cr	Fr	20	8.57	29	R6	Excellent
RAV06-006C							385.17	386.78	1.61	381.78	383.39		SST/SLT	Part of Above Interval												
RAV06-006C							386.78	387.19	0.41	383.39	383.80		MST	Weathered MST, black, half rock & half clay. Both are very fine grained. Th clay is sticky and malleable.	-				W3	Massive				0.0	R2	Excellent
RAV06-006C														Weathered grey mud with SST Layers. 70% MST & 30% SST. The mud reacts moderately with acid; it is sticky and it swelled up in the barrel. The is very fine grained. SST layers are light grey, coarse grained, broken up, weathered and are very soft and friable, broke into powder when touched.	-	Cal	1		W3	1mm to 3 cr	-		0.0	R2	Excellent	
RAV06-006C						386.55	387.19	387.90	0.71	383.80	384.51		MST/SST													
RAV06-006C	51	2.90	2.90	100.00	386.55		387.90	388.75	0.85	384.51	385.36		SST	White/grey, coarse to very coarse grained, massive, very soft, broken and crushed. "Mottled appearance". Numerous fossils, minor of coal spars, numerous calcite veins.	-	Cal	1		W6		Fr	65	2.64	87	R4	Excellent
RAV06-006C						389.45	388.75	390.80	2.05	385.36	387.41		SST	Part of Above Interval												
RAV06-006C	52	2.90	2.90	100.00	389.45		390.80	391.55	0.75	387.41	388.16		SST/SH	Interbedded 60% SST & 40% SLT. SST: light grey/white, coarse to very coarse grained, massive. SLT: dark grey/black, massive. BCN on beds at top of run to almost the bottom of the run is 20 degrees. At the very bottom BCN is 0 degrees. Coal spars, fossils, calcite veins, micro-faults, micro-fractures over the entire run.	-	Cal	1		W6	1cm to 30cr	Fr	20	7.59	50	R4	Excellent
RAV06-006C																				Fr	1	1.43				
RAV06-006C						392.35	391.55	393.70	2.15	388.16	390.31		SST/SH	Part of Above Interval							Fault	6	0.36			
RAV06-006C	53	2.90	2.68	92.41	392.35		393.70	393.92		390.31	390.53	0.22														
RAV06-006C							393.92	394.51	0.59	390.53	391.12		SST/SLT	Interbedded. SST Light grey, coarse to very coarse grained, massive. BCN of beds is 0 degrees, minor amount of coal spars, calcite veins 0 degrees BCN SLT: blackish brown, very fine grained, massive.	-	Cal	1		W6	1cm to 25cr	Fr	0	2.99	95	R6	Excellent
RAV06-006C						395.25	394.51	396.60	2.09	391.12	393.21		SST/SLT	Part of Above Interval												
RAV06-006C	54	1.22	1.22	100.00	395.25	396.47	396.60	397.82	1.22	393.21	394.43		SST/SLT	Interbedded. 80% SST & 20% SLT. Becoming carbeneous towards the bottom of run. Thinly laminated beds at a BCN of 0 degrees. SST: light grey, coarse grained, massive, coal spars, numerous fossils, minor amount of plant material.	-	Cal	1		W6	1mm to 1 cr	Fr	0	3.75	100	R6	Excellent

DH_ID	Run #	Core Drilled	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Length	Corrected		Core Loss	LITH	Description	Sulphide Minerals %	Carbonate Minerals %	Sample ID	Weathering	Bed Spacing	Fracture		Info			Core Quality		
					From	TO	FROM	TO		FROM	TO									Type	Dip/BCN	Freq/M	RQD	Strength			
RAV06-008C						0	67.06	67.06	67.06	0.00	66.97		OB	Overburden													
RAV06-008C						67.06	79.24	12.18	66.97	79.15			SST				8001										
RAV06-008C						79.24	97.04	17.80	79.15	96.95			SST/SH				8002										
RAV06-008C						97.04	100.58	3.54	96.95	100.49			SST				8003										
RAV06-008C						100.58	103.68	3.10	100.49	103.59			SST				8004										
RAV06-008C						103.68	106.68	3.00	103.59	106.59			SST				8005										
RAV06-008C						106.68	109.23	2.55	106.59	109.14			SST				8006										
RAV06-008C						109.23	112.78	3.55	109.14	112.69			MST				8007										
RAV06-008C						112.78	128.02	15.24	112.69	127.93			SST/SH				8008										
RAV06-008C						128.02	144.29	16.27	127.93	144.20			SST				8009										
RAV06-008C						144.29	144.49		144.20	144.40	0.20		COAL														
RAV06-008C						144.49	144.94		144.40	144.85	0.45		MST														
RAV06-008C						144.94	145.39	0.45	144.85	145.30			COAL				8010										
RAV06-008C	1	1.98	1.98	100	145.39	145.39	145.67	0.28	145.30	145.58			SLT	Dark Grey, very fine grained, high carbon content, numerous micro fractures filled with calcite, broken & crushed, calcite veins in the SLT, fault gouge present. Interbedded, but with a mottled appearance. 80% SLT & 20% SST. No BCN for the bedding. Numerous coal spars, and several rip up clasts of the above SLT. Wavy upper contact with the SLT.	-	Cal	1		W6	Massive	Fr	?	<25	0.0	R6	Fair	
RAV06-008C					147.37	145.67	147.37	1.70	145.58	147.28			SLT/SST			Cal	1		W6	mm to 10 cr	Fr	2	5.29	60	R7	Good	
RAV06-008C	2	2.84	2.84	100	147.37	147.37	148.40	1.03	147.28	148.31			SLT/SST	Light grey to dark grey to black, mottled appearance, 40% SLT & 60% SST. Very thin Shale stringers @ 0 degrees BCN. SLT: dark grey to black, very fine to medium grained, massive. SST: light grey, coarse to very coarse grained, numerous fossils and coal spars.	-	Cal	1		W6	1mm to <1rr	Fr	1	1.01	100	R7	Excellent	
RAV06-008C					150.21	148.40	150.21	1.81	148.31	150.12			SLT/SST	Part of above Interval													
RAV06-008C	3	2.90	2.90	100	150.21	150.21	151.13	0.92	150.12	151.04			SLT/SST	As above SLT/SST, except for pyrite smears around some of the coal spars. BCN of Shale stringers is 10 degrees at the top, and 0 degrees near the bottom.	Py	1	Cal	1		W6	1mm to <1rr	Fr	1	0.77	100	R7	Excellent
RAV06-008C					151.13	152.83	151.13	1.70	151.04	152.74			SLT/SST	Part of above Interval													
RAV06-008C					153.11	152.83	153.11	0.28	152.74	153.02			SST	Light grey to dark grey to black, mottled appearance, 40% SLT & 60% SST. Very thin Shale stringers @ 0 degrees BCN. SLT: dark grey to black, very fine to medium grained, massive. SST: light grey, coarse to very coarse grained, numerous fossils and coal spars	Hm	Tr	Cal	Tr		W6	Massive	Fr	2	0.52	100	R7	Excellent
RAV06-008C	4	2.59	2.59	100	153.11	153.11	154.74	1.63	153.02	154.65			SST	Part of above Interval													
RAV06-008C					155.70	154.74	155.70	0.96	154.65	155.61			SST	Whitish grey, coarse grained, subrounded to subangular, massive, pyrite smears, SH stringers, SH stringers are wispy and discontinuous, very solid, competent.	Py	1	Cal	1		W6	Massive	Fr	1	1.57	98	R7	Excellent
RAV06-008C	5	1.82	1.82	100	155.70	155.7	156.57	0.87	155.61	156.48			SST	Part of above Interval													
RAV06-008C					157.52	156.57	157.52	0.95	156.48	157.43			SST	Part of above Interval													
RAV06-008C	6	1.52	1.52	100	157.52	157.52	157.75	0.23	157.43	157.66			SST	Part of above Interval													
RAV06-008C					159.04	157.75	159.04	1.29	157.66	158.95			SST	Light grey black, coarse to very coarse, wispy irregular coally SH stringers. Pyrite smears and calcite veins around the SH stringers.	Py	Tr	Cal	1		W6	Massive	Fr	2	0.77	100	R7	Excellent
RAV06-008C	7	1.60	1.73	108	159.04	159.04	159.72	0.68	158.95	159.63			SST	As above SST		Cal	1		W6	Massive	Fr	2	0.56	100	R7	Excellent	
RAV06-008C					160.64	159.72	160.77	1.05	159.63	160.68			SST	Part of above Interval													
RAV06-008C	8	1.83	1.83	100	160.64	160.77	162.40	1.63	160.68	162.31			SST	As above SST		Cal	1		W6	Massive	Fr	0	0.55	100	R7	Excellent	
RAV06-008C					162.47	162.4	162.60	0.20	162.31	162.51			SST	Part of above Interval													
RAV06-008C	9	2.74	2.74	100	162.47	162.6	164.90	2.30	162.51	164.81			SST	As above SST, with the lower contact is irregular	Py	1	Cal	1		W6	Massive	Fr	1	0.43	100	R7	Excellent
RAV06-008C					164.9	164.94	164.94	0.04	164.81	164.85			CSH	80% SH & 20% coal. SH: black massive. Coal: dull coally layers. Lower contact is sharp at 20 degrees BCN. Medium grey/brown, very fine grained, massive, several coal stringers with pyrite smears, BCN of calcite veins @ 0 degrees. Bottom 15cms are broken and crushed due to drilling.	Py	1	Cal	0.5		W6	1mm				0.0	R4	Excellent
RAV06-008C					164.94	165.09	165.09	0.15	164.85	165.00			SLT		Py	0.5	Cal	0.5		W6	Massive	Fr	20	5.35	73	R5	Good
RAV06-008C					165.21	165.09	165.34	0.25	165.00	165.25			SLT	Part of above Interval													
RAV06-008C	10	2.74	2.74	100	165.21	165.34	165.50	0.16	165.25	165.41			SLT	Part of above Interval													
RAV06-008C					165.5	166.79	165.5	1.29	165.41	166.70			SLT	As above SLT, with the lower contact being gradational. Mottled appearance, minor amount of fossils. SLT: dark grey, fine to very fine grained. SST: light grey, coarse grained, massive.	Py	1	Cal	Tr		W6	Massive	Fr	5	3.1	85	R7	Excellent
RAV06-008C					166.79	167.99	166.79	1.20	166.70	167.90			SLT/SST		-				W6	Massive					100	R7	Excellent
RAV06-008C					167.95	167.99	168.08	0.09	167.90	167.99			SST	Light grey, coarse to very coarse grained. Shale stringers make up 5% of the interval. These stringers have a BCN of 1 degree. They are black, massive, and are hard for shale. Calcite veins that are 1mm to 2cm thick are running @ 90 degrees BCN.	-												
RAV06-008C	11	2.90	2.96	102	167.95	168.08	168.34	0.26	167.99	168.25			SST	Part of above Interval		Cal	1		W6	Massive	Fr	0	0.98	100	R7	Excellent	

DH_ID	Run #	Core Drilled	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Corrected		Core Loss	LITH	Description	Sulphide Minerals	%	Carbonate Minerals	%	Sample ID	Weathering	Spacing	Fracture		Info		Core Quality		
					From	TO	FROM	TO	Length	FROM											TO	Type	Dip/BCN	Freq/M		RQD	Strength
RAV06-008C	30	2.90	2.58	89	219.97	220.35	220.48	0.13	220.26	220.39		SST	Part of above Interval														
RAV06-008C						220.48	220.80		220.39	220.71	0.32		Rock Loss														
RAV06-008C						220.8	222.62	1.82	220.71	222.53		SST	Grey white, massive, course grained to very course grained. Coal spars, fossils, wispy SH Stringers, but no discernable BCN. Last 23cm broken and crushed.	-		Cal	Tr		W6	Massive	Fr	90	0.41	72	R7	Fair	
RAV06-008C						222.87	222.62	223.25	0.63	222.53	223.16		SST	Part of above Interval													
RAV06-008C	31	2.44	2.32	95	222.87	223.25	223.78	0.53	223.16	223.69		Carb. SLT	Dark grey to black, fine grained to very fine grained, coal spars and coal beds, and shale stringers @ 5 BCN.	Py	Tr	Cal	Tr		W6	Massive	Fr	20	3.77	69	R6	Excellent	
RAV06-008C						223.78	223.90		223.69	223.81	0.12		Rock Loss														
RAV06-008C						223.90	224.00	0.10	223.81	223.91		Carb. SLT	Roof Sample, part of above interval.					10394									
RAV06-008C												Coal	Black, broken, shearing, foiliations (planar, parallel disconuities in coal), but for the most part it resembles a melange. A melange in the sence that it is blocks of resistant, compent, dull coal protruding from a matrix of nonreistent friable shiny coal. As well, the above mention foiliations when broken apart all have slickenslides. What a mess. Very soft for the shiny, and very hard for the dull. Semi bright luster. No visible cleating. It bubbled and hissed vigorously all over the coal. Pyrite smears in places.	Py	Tr	Cal	Tr	10395	W6	1mm to 5crr	Fr	?	<100	0.0	R2	Fair	
RAV06-008C						224.00	224.77	0.77	223.91	224.68		Coal	Parting Sample, uneven upper contact, brownish black, fine grained, very carboneous.					10396	W6					0.0	R6	Excellent	
RAV06-008C						224.77	224.81	0.04	224.68	224.72		Carb. SLT	Black, solid, but soft and friable, powderery in places, semi-bright luster, numerous calcite veins @ 0 degrees BCN.	-		Cal	1	10397	W6	>1mm	Fr	1	4.16	88	R1	Good	
RAV06-008C						224.81	225.35	0.54	224.72	225.26		Coal	Part of above Interval														
RAV06-008C						225.35	225.53	0.18	225.26	225.44		Coal	Part of above Interval														
RAV06-008C						225.31	225.53	225.69	0.16	225.44	225.60		Carb. SLT	Parting Sample, blackish brown, very cardoneous, coal spars, shale stringers, fossils, hard, bur easily broken	-		Cal	1	10398	W6	Massive	Fr	3	18.75	0.0	R2	Good
RAV06-008C	32	2.44	2.44	100	225.31	225.69	226.43	0.74	225.60	226.34		Coal	Black, solid but friable, vitreous sheen, pyrite smears, hissed and bubbled for 30 minutes.	Py	1	Cal	1	10399	W6	>1mm	Fr	10	18.91	14	R2	Excellent	
RAV06-008C						226.43	226.55	0.12	226.34	226.46		Carb. SLT	Parting, as above Parting	Py	1	Cal	1	10400	W6	Massive	Fr	10	58.33	0.0	R6	Excellent	
RAV06-008C												Coal	Black, solid, but soft and friable, bright luster, numerous micro fractures infilled with calcite, and pyrite. Hissed and bubbled.	Py	1	Cal	1	10201	W6	>1mm	Fr	10	22.22	0.0	R2	Excellent	
RAV06-008C						226.55	226.82	0.27	226.46	226.73		Coal	Greyish brown, fine to very fine grained, massive, coal spars, numerous shale beds.	Py	Tr	Cal	1	10202	W6	Massive	Fr	?	<25	0.0	R6	Excellent	
RAV06-008C						226.82	227.06	0.24	226.73	226.97		Carb. SLT	60% coal & 40% SH, semi-solid	Py	1	Cal	1	10203	W6	>1mm	Fr	?	<25	0.0	R2	Excellent	
RAV06-008C						227.06	227.17	0.11	226.97	227.08		SHC	Floor Sample, whitish grey, Shale stringers, coal spars, broken but all there.	Py	Tr	Cal	Tr	10204	W6	Massive	Fr	?	<25	0.0	R7	Good	
RAV06-008C						227.17	227.27	0.10	227.08	227.18		Carb. SLT	Part of above Interval														
RAV06-008C						227.75	227.27	228.13	0.86	227.18	228.04		SST	Greyish white, very course to course grained, massive.						W6	Massive	Fr	90	1.09	47	R7	Good
RAV06-008C	33	1.83	1.83	100	227.75	229.58	228.13	229.96	1.83	228.04	229.87		SST	Greyish white, very course to course grained, massive. Solid, calcite veins @ 90 BCN.	-		Cal	Tr		W6	Massive	1mm to 1r	-		100	R7	Excellent
RAV06-008C																											
RAV06-008C	34	2.90	2.90	100	229.58	229.96	231.12	1.16	229.87	231.03		SST	As above SST, but several Shale stringers have a BCN of 5 degrees. There has been a decease in the amount of calcite. Last 20cm are broken and crushed.	-		Cal	Tr		W6	Massive	1mm to 1m			91	R7	Excellent	
RAV06-008C						231.12	232.63	1.51	231.03	232.54		SST	Part of above Interval														
RAV06-008C						232.48	232.63	232.86	0.23	232.54	232.77		SST	Greyish white, very course to course grained, massive. Fractures filled with calcite, up to 1cm thick. Both fractures and calcite veins @ 90 degrees BCN. Bottom 30cm are broken and crushed.	-		Cal	2		W6	Massive	Fr	75	0.69	70	R7	Excellent
RAV06-008C																											
RAV06-008C	35	2.59	2.59	100	232.48	232.86	234.30	1.44	232.77	234.21		SST	Part of above Interval														
RAV06-008C						235.07	234.30	235.45	1.15	234.21	235.36		SST	Part of above Interval													
RAV06-008C	36	2.90	2.76	95	235.07	235.45	235.52	0.07	235.36	235.43		SST	Part of above Interval														
RAV06-008C						235.52	235.66		235.43	235.57	0.14		Rock Loss														
RAV06-008C																											
RAV06-008C						235.66	237.01	1.35	235.57	236.92		SST	Greyish white, very course to course grained, massive. Irregular calcite veining all over the core. Two brecciated & fractured zones that have been weathered black. Top 25cm are very soft and friable (R2, but the rest of the run is R6).	-		Cal	3		W6	Massive	Fr	90	0.39	75	R6	Excellent	
RAV06-008C																											
RAV06-008C						237.01	238.23	1.22	236.92	238.14		SST	Part of above Interval														
RAV06-008C						237.97	238.23	238.35	1.49	238.14	238.26	0.12		Rock Loss													
RAV06-008C	37	2.71	2.71	100	237.97	238.35	239.84	1.49	238.26	239.75		SST	Light grey, very course to course grained, massive.			Cal	1		W6	Massive	Fr	50	0.67	100	R7	Excellent	
RAV06-008C						240.68	239.84	241.06	1.22	239.75	240.97		SST/SLT	Mottled appearance and interbedded			Cal	1		W6		Fr	20	3.28	70	R7	Excellent

DH_ID	Run #	Core Drilled	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Length	Corrected		Core Loss	LITH	Description	Sulphide Minerals	%	Carbonate Minerals	%	Sample ID	Weathering	Bed Spacing	Fracture		Info		Core Quality		
					From	TO	FROM	TO		FROM	TO											Type	Dip/BCN	Freq/M	RQD		Strength	
RAV06-008C						260.72	261.02	0.30		260.63	260.93		SST	Whitish grey, course to very course grained, massive, calcite veins at 90 degrees BCN.	-		Cal	1		W6	Massive			100	R7	Excellent		
RAV06-008C						262.49	261.02	263.02	2.00	260.93	262.93		SLT	Dark grey to black, moderately carbonaceous in palces. Going from very fine grained at the top to medium grained at the bottom. Wispy shale stringers and fossils through out. A 4cm thick chunk os SLT at the bottom of the run stopped the drill.	-		Cal	1		W6	1cm to 1m	Fr	20	2.46	79	R6	Good	
RAV06-008C																												
RAV06-008C	46	2.90	2.90	100		262.49	263.02	263.51	0.49	262.93	263.42		SST	Light grey/white, course to very course grained, massive, shale beds @ 20 degrees BCN. Several pyrite smears in places.	-		Cal	2		W6	Massive	Fr	20	4.35	85	R7	Excellent	
RAV06-008C						265.39	263.51	265.92	2.41	263.42	265.83		SLT	Brownish grey to black very fine grained, moderately carbonaceous in places, massive, calcite veins @ 20 BCN. Several pyrite smears in places.	Py	1	Cal	1		W6	Massive	Fr	0	0.83				
RAV06-008C																												
RAV06-008C	47	2.90	2.90	100		265.39	268.29	265.92	268.82	2.90	265.83	268.73	SLT/SST	Interbedded, 80% SLT & 20% SST. SLT: grey/black, moderately carbonaceous in places, coal spar, fossils. SST: light grey course to medium grained,	-		Cal	Tr		W6	1mm to 1m	Fr	2	1.05	98	R7	Excellent	
RAV06-008C																												
RAV06-008C	48	2.90	3.00	103		268.29	268.82	270.23	1.41	268.73	270.14		SLT	Dark grey to black, carbonaceous, very fine grained, fossils.	-		Cal	Tr		W6	Massive	Fr	20	1.27	98	R7	Excellent	
RAV06-008C																												
RAV06-008C													SLT	Roof Sample, part of above Interval														
RAV06-008C													Coal	Black, dull, bubbled and hissed, numerous micro fractures. A 4 cm parting of clay in the middle. Very hard coal.	-													
RAV06-008C													SLT	Floor Sample, as above SLT														
RAV06-008C													SLT	As above SLT														
RAV06-008C													SST	Dark grey, course grained, massive coal spars														
RAV06-008C													SST	Part of above Interval														
RAV06-008C	49	2.90	2.90	100		271.19	271.82	271.88	0.06	271.73	271.79		SST	Part of above Interval														
RAV06-008C													SLT	Light grey massive, uneven, lower contact. Blue/white matrix, with clasts that are pebble to cobble sized. Clasts are angular chunks of volcanic rock (less than 3%), SST, SLT, and quartzite. Soft uneven lower contact.	-		Cal	1		W6	Massive	Fr	20	1.89	51	R6	Excellent	
RAV06-008C													Breccia															
RAV06-008C																												
RAV06-008C													Rhyolite	A raft of porphyritic rhyolite, 80% matrix & 20% phenocrysts. Beige matrix that is very hard. Phenocrysts are smoky quartz, hornblende, and plagioclase.	-					W6						100	R7	Excellent
RAV06-008C	50	2.90	2.90	100		274.09	274.72	277.36	2.64	274.63	277.27		Breccia	60%matrix 7 40% clasts. Green Volcanic matrix with angular clasts of quartzite, SST, SLT. Iron staining	Hm	Tr	Cal	2		W6		Fr	0	0.34	100	R7	Excellent	
RAV06-008C													Breccia	Part of above Interval														
RAV06-008C	51	2.90	2.90	100		276.99	279.89	277.62	280.52	2.90	277.53	280.43	Volc. Brecc	Everything is green coloured. Angular chunks of volcanic rock in a fine grained volcanic matrix. Most of the chunks of volcanic rock are surrounded by calcite vein. Clasts:	-		Cal	4		W6		Fr	1	0.70	80	R7	Excellent	
RAV06-008C																												
RAV06-008C	52	1.98	1.98	100		279.89	281.87	280.52	282.50	1.98	280.43	282.41	Volc. Brecc	As above, except it is broken up and fractured.			Cal	4		W6		Fr	90	0.48	58	R7	Excellent	
RAV06-008C																												
RAV06-008C																												
RAV06-008C	53	2.29	2.29	100		281.87	282.50	283.16	0.66	282.41	283.07		Volc.	Dark to light green, with a mottled appearance (might be flow structure). Calcite veins going at all angles. Mild amount of foilation.	-		Cal	2		W6		Fr	2	1.64	85	R7	Excellent	
RAV06-008C																												
RAV06-008C													Volc.	Part of above Interval														
RAV06-008C	54	2.90	2.90	100		284.16	287.06	284.79	287.69	2.90	284.70	287.60	Volc.	As above Volcanic			Cal	4		W6		Fr	5	2.19	90	R7	Excellent	

DH_ID	Run #	Core Drilled	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Length	Corrected		Core Loss	LITH	Description	Sulphide Minerals %	Carbonate Minerals %	Sample ID	Weathering	Bed Spacing	Fracture Info			Core	
					From	TO	FROM	TO		FROM	TO									Type	Dip/BCN	Freq/M	RQD	Strength
RAV06-010C					0.00	54.25	0.00	54.25	54.25				OB	Setting Casing										
RAV06-010C							54.25	55.25	1.00				SST	Light to dark grey course to very course grained	-		1001							
RAV06-010C							55.25	67.06	11.81				SST/SLT	SST: dark grey, course grained. SLT dark grey blackish, very fine grained. 55% SST & 45% SLT	-		1002							
RAV06-010C							67.06	76.27	9.21				SST	Light to dark grey course to very course grained	-		1003							
RAV06-010C							76.27	79.25	2.98				SST	Light grey, course to very course grained	-		1004							
RAV06-010C							79.25	97.54	18.29				SST	Light grey, course to very course grained	-		1005							
RAV06-010C							97.54	97.84	0.30				SH/Coal	Black chunks of coal with bits of very fine grained shale	-		1006							

DH_ID	Run #	Core Drilled	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Length	Corrected			LITH	Description	Sulphide Minerals %	Carbonate Minerals %	Sample ID	Weathering	Bed Spacing	Fracture Info					Core Quality
					From	TO	FROM	TO		FROM	TO	Core Loss								Type	Dip/BCN	Freq/M	RQD	Strength	
RAV06-011C					0.00	103.63	0.00	103.63	103.63				OB	Setting Casing											
RAV06-011C							103.63	107.80					SLT/SH	medium dark grey ,n4: sl sandy			1101								
RAV06-011C							107.80	109.73					SLT/SH	As Above			1102								
RAV06-011C							109.73	112.78					MST	medium dark grey ,n4: silty to sandy			1103								
RAV06-011C							112.78	115.82					MST	medium dark grey ,n4: silty to sandy			1104								
RAV06-011C							115.82										1105								

DH_ID	Run #	Core Drilled	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Length	Corrected		Core Loss	LITH	Description	Sulphide Minerals %	Carbonate Minerals %	Sample ID	Weathering	Bed Spacing	Fracture Type	Info			Core Quality		
					From	TO	FROM	TO		FROM	TO										RQD	Strength	Quality			
RAV06-012C	15	2.90	2.88	99.31	56.42	56.42	59.11	2.69	56.98	59.67			SLT	As above SLT, with the calcite having a BCN of 5 degrees at the top, and 20 degrees BCN at the bottom.	-	Cal	2	W6	Massive	Fr	0	1.05	94.00	R6	Excellent	
RAV06-012C																				Fr	90	0.35				
RAV06-012C																				Fr	21	0.35				
RAV06-012C						59.11	59.27	0.16	59.67	59.83			SLT	Part of above Interval												
RAV06-012C						59.27	59.29		59.83	59.85	0.02			Rock Loss												
RAV06-012C						59.32	59.29	59.32	0.03	59.85	59.88		SLT	As above SLT, except for one 7cm thick SST bed. SST: light grey, course to very course grained, BCN on SST bed is 10 degrees, sharp upper and lower contacts with SLT. Calcite veins within the SLT have a BCN of 10 degrees.	-	Cal	1	W6	7cm to 1.5m	Fr	5	2.12	92.00	R6	Excellent	
RAV06-012C	16	2.90	2.90	100.00	59.32	59.32	62.12	2.80	59.88	62.68			SLT	Part of above Interval												
RAV06-012C						62.22	62.12	62.22	0.10	62.68	62.78		SST	Light grey/white, course to very course grained, massive, well sorted, well rounded, sharp lower contact.	-	Cal	1	W6	Massive	Fr	40	1.25	92.00	R6	Excellent	
RAV06-012C	17	2.90	2.90	100.00	62.22	62.22	62.92	0.70	62.78	63.48			SST	Part of above Interval												
RAV06-012C						62.92	64.57	1.65	63.48	65.13			SLT	As above SLT.		Cal	1	W6	Massive	Fr	0	3.63	80.00	R6	Good	
RAV06-012C						65.12	64.57	65.12	0.55	65.13	65.68		SLT	Dark grey, fine grained, massive, calcite veins along fractures. BCN of calcite veins @ 30 degrees.	-	Cal	1	W6	Massive	Fr	30	1.73	89.00	R6	Excellent	
RAV06-012C	18	2.29	2.29	100.00	65.12	65.12	65.47	0.35	65.68	66.03			SLT	Part of above Interval												
RAV06-012C						67.41	65.47	67.41	1.94	66.03	67.97		SLT	Part of above Interval												
RAV06-012C														Same as above SLT, except for calcite veins @ 5 degrees. 40 cm from bottom, there is a small fault zone. It is filled with broken and crushed core. Rock flower present.	-	Cal	1	W6	Massive	Fault	5	1.38	93.00	R6	Excellent	
RAV06-012C	19	2.90	2.90	100.00	67.41	67.41	67.90	0.49	67.97	68.46			SLT	Part of above Interval												
RAV06-012C						70.31	67.90	70.31	2.41	68.46	70.87		SLT	As above SLT. Calcite veins @ 10 degrees BCN. Two fractures with slickensides, and rock flower.	-	Cal	1	W6	Massive	SS	40	1.38	90.00	R6	Excellent	
RAV06-012C	20	2.90	2.90	100.00	70.31	70.31	70.88	0.57	70.87	71.44			SLT	Part of above Interval												
RAV06-012C						73.21	71.76	73.21	1.45	72.32	73.77		SLT	As above SLT, dark grey, fine grained to very fine grained, massive. Soft, but solid core. One wispy calcite vein.	-											
RAV06-012C	21	1.23	1.23	100.00	73.21	73.21	74.14	0.93	73.77	74.70			SLT	Part of above Interval		Cal	Tr	W6	Massive				100.00	R6	Excellent	
RAV06-012C						74.14	74.17	0.03	74.70	74.73			SLT	As above SLT, except for more calcite veining. The calcite veins have a BCN of 50 degrees at the top, and 5 degrees at the bottom. In the middle of the run there is a 6cm fault zone.	-	Cal	1	W6	Massive	SS	10	0.38	97.00	R6	Excellent	
RAV06-012C																				Fr	0	5.62				
RAV06-012C																				Fault	20	0.38				
RAV06-012C						74.44	74.17	74.44	0.27	74.73	75.00		SLT	Part of above Interval												
RAV06-012C	22	2.13	2.13	100.00	74.44	76.57	74.44	76.57	2.13	75.00	77.13		SLT	Part of above Interval												
RAV06-012C	23	2.90	2.90	100.00	76.57	76.57	76.73	0.16	77.13	77.29			SLT	Part of above Interval												
RAV06-012C						76.73	77.23	0.50	77.29	77.79			SLT	As above SLT. BCN of calcite veins is 20 degrees. One 7 cm thick rubby zone. Uneven lower contact.	-	Cal	1	W6	Massive	Fr	15	8.00	66.00	R6	Good	
RAV06-012C						77.23	77.51	0.28	77.79	78.07			SST	Light grey/white, course to very course grained, massive. BCN of calcite veins is 5 to 10 degrees. Moderate amount of micro fractures.	-	Cal	2	W6	Massive	Fr	10	14.28	36.00	R7	Good	
RAV06-012C						79.47	77.51	79.47	1.96	78.07	80.03		SLT	As above SLT.							Fr	0	2.04	100.00	R6	Good
RAV06-012C																										
RAV06-012C	24	2.90	2.90	100.00	79.47	79.47	79.54	0.07	80.03	80.10			SLT	As above SLT. Three calcite veins with a BCN of 20 degrees.	-	Cal	1	W6	Massive	Fr	10	0.33	93.00	R6	Excellent	
RAV06-012C																										
RAV06-012C						82.37	79.54	82.37	2.83	80.10	82.93		SLT	Part of above Interval												
RAV06-012C	25	2.90	2.90	100.00	82.37	82.37	84.20	1.83	82.93	84.76			SLT	As above SLT.		Cal	Tr	W6	Massive				100.00	R6	Excellent	
RAV06-012C														75% SST & 25% SLT. Large elongated angular chunks of the above SLT in a SST matrix. SST: light grey/white, course to very course grained, massive. SLT: dark grey, fine grained to very fine grained, massive.	-											
RAV06-012C						85.27	84.20	85.27	1.07	84.76	85.83		SST/SH			Cal	3	W6		Fr	15	0.89	100.00	R7		
RAV06-012C																					Fr	5	0.89			
RAV06-012C	26	2.90	2.90	100.00	85.27	85.27	85.83	0.56	85.83	86.39			SST/SH	As above SST/SH. A SST matrix surrounding delicate, elongated chunks of SLT.	-	Cal	3	W6		Fr	15	1.89	100.00	R7	Excellent	
RAV06-012C														Dark grey, fine grained to very fine grained, massive, soft but competent. The BCN of the 1mm thick calcite veining is 10 degrees. One thick (.75cm) calcite vein at 4 degrees BCN.	-											
RAV06-012C						88.17	85.83	88.17	2.34	86.39	88.73		SLT			Cal	1	W6	Massive	Fr	10	2.56	90.00	R6	Excellent	
RAV06-012C																					Fr	20	0.42			
RAV06-012C	27	1.68	1.68	100.00	88.17	89.85	88.17	89.85	1.68	88.73	90.41		SLT	As above SLT, with just a few wispy calcite veins and veinlets	-	Cal	Tr	W6	Massive	Fr	15	2.61	65.00	R6	Excellent	
RAV06-012C																					Fr	30	0.39			

DH_ID	Run #	Core Drilled	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Length	Corrected		Core Loss	LITH	Description	Sulphide Minerals %	Carbonate Minerals %	Sample ID	Weathering	Bed		Fracture		Info			Core Quality	
					From	TO	FROM	TO		FROM	TO								Spacing	Type	Dip/BCN	Freq/M	RQD	Strength			
RAV06-012C	78	2.90	2.90	100.00	227.64	227.64	230.37	2.73	228.20	230.93			SST/SH	90% SST & 8%Shale & 2% Coal Spars. BCN of bedding is 25 degrees. SST: dirty grey white course to very course grained, massive. SH: black very fine grained, massive, and in the form of thin stringers. Th coal spars bubbled and hissed quite vigorously. Very hard, but breaks along Shale stringers. Two large calcite veins @ 5 degrees BCN.	Py	Tr	Cal	1	W6	1mm to 1 m	Fr	0	3.41	64.00	R7	Good	
																					Fr	20	2.38				
																						Fr	10	0.34			
RAV06-012C					230.54	230.37	230.54	0.17	230.93	231.10			SST/SH	Part of above Interval													
RAV06-012C	79	1.67	1.67	100.00	230.54	232.21	230.54	232.21	1.67	231.10	232.77		SST	Light to medium grey, course grained and massive,very hard. One large calcite vein @ 5 BCN, smaller veins ranging in between 10 to 40 degrees BCN. Last 20cm broken up from coming out of shoe. Fracture at 80 degrees BCN is filled with calcite and rock flower.	-	Cal	1	W6	Massive	Fr	80	0.58	92.00	R7	Good		
																						Fr	5				
																						Fr	25				
RAV06-012C	80	2.90	2.90	100.00	232.21	232.21	232.24	0.03	232.77	232.80			SST	Part of above Interval													
RAV06-012C						232.24	233.10	0.86	232.80	233.66			SST/SH	95% SST & 5% SH. SST: grey/white, very fine grained, massive, with a BCN of 5 degrees. Numerous mirco fractures filled with calcite, and several large coal spars. BCN of calcite veins ranges between 5 to 90 degrees.	-	Cal	1	W6	Massive	Fr	90	0.69	98.00	R7	Excellent		
RAV06-012C					235.11	233.10	235.11	2.01	233.66	235.67			SST/SH	Part of above Interval													
RAV06-012C	81	2.90	2.90	100.00	235.11	235.11	235.97	0.86	235.67	236.53			SST/SH	As above, but when the core was transferred into the box, the RQD dropped to 60%	-	Cal	1	W6	Massive	Fr	45	0.67	89.00	R7	Excellent		
RAV06-012C																						Fr	2	1.34			
RAV06-012C																						Fr	90	0.33			
RAV06-012C					238.01	235.97	238.01	2.04	236.53	238.57			SST/SH	Part of above Interval													
RAV06-012C	82	2.59	2.59	100.00	238.01	238.01	238.09	0.08	238.57	238.65			SST/SH	Part of above Interval													
RAV06-012C						238.09	238.77	0.68	238.65	239.33			SST	Light grey/white course to very course grained, massive.	-	Cal	1	W6	Massive	Fr	18	1.01	90.00	R7	Excellent		
RAV06-012C						238.77	240.06	1.29	239.33	240.62			SST	Part of above Interval													
RAV06-012C						240.06	240.20	0.14	240.62	240.76			Coal	Dull black coal, crushed, minimal bubbling. 40% SLT Partings	-			W6	>1mm	Fr	?	<25	0.00	R1	Poor		
RAV06-012C						240.20	240.50	0.30	240.76	241.06			SLT	Dark grey. Very fine grained, massive. BCN of clacite veins is 30 degrees.	-	Cal	1	W6	Massive	Fr	0	6.67	90.00	R6	Excellent		
RAV06-012C					240.60	240.50	240.60	0.10	241.06	241.16			SST/SH	Very thinly interbedded SLT & SH. 60% SLT & 30% SH & 10% SST. BCN of bedding is 0 degrees. Numerous micro fractures, hard rock but it breaks along bedding planes and micro fractures. SLT: brownish grey fine grained, massive. Shale: blackish brown very fine grained, massive. RQD in the box is 30%, but 90% in the barrel.	-	Cal	1	W6	1mm to 15c	Fr	45	0.61	90.00	R6	Excellent		
RAV06-012C																						Fr	20	1.21			
RAV06-012C																						Fr	2	1.21			
RAV06-012C	83	2.90	2.90	100.00	240.60	240.60	241.69	1.09	241.16	242.25			SST/SH	Part of above Interval													
RAV06-012C							241.69	242.15	0.46	242.25	242.71		SST/SH	Part of above Interval													
RAV06-012C						243.50	242.15	243.50	1.35	242.71	244.06		SST	Light grey, mottled appearance, course grained to medium grained. Moderately sorted, numerous micro fractures, numerous thin uneven shale stringers. Last 40cm broken while trying to remove the shoe. Several coal spars, hard rock that breaks along the micro fractures.	-	Cal	1	W6	Massive	Fr	45	0.66	55.00	R7	Good		
RAV06-012C																						Fr	30	2.65			
RAV06-012C	84	2.90	2.90	100.00	243.50	243.50	243.66	0.16	244.06	244.22			SST	Part of above Interval													
RAV06-012C						243.66	245.78	2.12	244.22	246.34			SST	Light grey to brownish grey, course to very course grained, mottled appearance, numerous micro fractures, calcite veins and veinlets at all angles. Wispy shale stringers at no particular orientation. Minor amount of iron staining. Hard rock, but it breaks along micro fractures. Two small (less then 1mm thick) fracture zones filled with rock flower.	Hm	Tr	Cal	1	W6	Massive	Fr	3	1.37	87.00	R7	Excellent	
RAV06-012C																						Fr	0	0.34			
RAV06-012C					246.40	245.78	246.40	0.62	246.34	246.96			SST	Part of above Interval													
RAV06-012C	85	2.90	2.90	100.00	246.40	246.40	246.57	0.17	246.96	247.13			SST	Part of above Interval													
RAV06-012C						246.57	247.23	0.66	247.13	247.79			SST	Light grey/white, course to very course grained, shale stringers @ 25 degrees BCN. Calcite veining has a BCN of 20 to 45 degrees. Numerous micro fractures, that break apart when the core is moved. RQD in the box is 80%. Several coal spars.	-	Cal	1	W6	1mm to 1m	Fr	10	0.38	100.00	R7	Excellent		
RAV06-012C																						Fr	5	0.38			

DH_ID	Run #	Core Drilled	Core Rec'd	Percent Recovered	Driller's Depth		Written Log		Corrected		Core Loss	LITH	Description	Sulphide Minerals	%	Carbonate Minerals	%	Sample ID	Weathering	Bed Spacing	Fracture Info			RQD	Strength	Core Quality		
					From	TO	FROM	TO	Length	FROM											TO	Type	Dip/BCN				Freq/M	
RAV06-012C						271.39	271.23	271.39	0.16	271.79	271.95		SST	As above SST, except the amount of shale stringers, coal spars, and micro fractures has decreased.	-		Cal	1		W6	mm sh bed	Fr	20	0.36	100.00	R7	Excellent	
RAV06-012C	94	2.69	2.69	100.00	271.39		271.39	273.44	2.05	271.95	274.00		SST	Part of above Interval														
RAV06-012C						274.08	273.44	274.08	0.64	274.00	274.64		SST	Part of above Interval														
RAV06-012C	95	2.90	2.90	100.00	274.08		274.08	276.56	2.48	274.64	277.12		SST	As above SST, except much more fractured, especially the last 55cm.	-		Cal	1		W6	mm sh bed	Fr	5	0.67	78.00	R7	Good	
RAV06-012C																					Fr	30	2.02					
RAV06-012C																					Fr	90	0.34					
RAV06-012C						276.98	276.56	276.98	0.42	277.12	277.54		SST	Part of above Interval														
RAV06-012C	96	2.90	2.90	100.00	276.98		276.98	279.22	2.24	277.54	279.78		SST	As above SST, except the number of shale beds has increased. BCN of shale beds is 30 degrees BCN	-		Cal	1		W6	mm sh bed	Fr	20	0.34	88.00	R7	Good	
RAV06-012C																					Fr	40	0.34					
RAV06-012C																					Fr	50	0.34					
RAV06-012C																					Fr	10	0.69					
RAV06-012C						279.88	279.22	279.88	0.66	279.78	280.44		SST	Part of above Interval														
RAV06-012C	97	2.90	2.90	100.00	279.88		279.88	282.12	2.24	280.44	282.68		SST	As above SST. BCN of Calcite veins is 30 degrees.	-		Cal	1		W6	mm sh bed	Fr	30	0.34	100.00	R7	Excellent	
RAV06-012C																					Fr	2	0.34					
RAV06-012C						282.78	282.12	282.78	0.66	282.68	283.34		SST	Part of above Interval														
RAV06-012C	98	2.90	2.90	100.00	282.78		282.78	284.76	1.98	283.34	285.32		SST	As above SST, except for numerous micro fractures and micro faults. 5% shale stringers with a BCN of 20 degrees, coal spars, hard SST, four (4cm thick) silty layers.	-		Cal	1		W6	mm sh bed	Fr	10	2.28	92.00	R7	Excellent	
RAV06-012C																					Fr	90	0.33					
RAV06-012C						285.68	284.76	285.68	0.92	285.32	286.24		SST	Part of above Interval														
RAV06-012C	99	2.49	2.49	100.00	285.68		285.68	285.80	0.12	286.24	286.36		SST	Part of above Interval														
RAV06-012C							285.80	285.95	0.15	286.36	286.51		SST	Roof Sample. Course to very course grained, carbonaceous, coal spars, shale stringers.	-		Cal	1	10226	W6	mm shale beds				100.00	R7	Excellent	
RAV06-012C							285.95	286.58	0.63	286.51	287.14		Coal	Black, semi-vitreous luster, sheared and defomed, but still solid. Bubbled and hissed. Calcite along fractures.	Py	Tr	Cal	1	10227	W6	>1mm	Fr	20	6.35	60.00	R2	Good	
RAV06-012C							286.58	286.65	0.07	287.14	287.21		Carb. SLT	Parting Sample, black, very fine grained, numerous coal spars and beds.	-		Cal	1	10228	W6	>1mm	Fr	1	14.28	0.00	R6	Good	
RAV06-012C							286.65	287.63	0.98	287.21	288.19		Coal	Black, vitreous luster on freshly exposed faces, solid, numerous microfractures, sheared to bits in places, bubbled and hissed vigorously, very thin laminated (>1mm), one 2cm thick SLT parting,	Py	1.0	Cal	1	10229	W6	>1mm	Fr	?	<25	0.00	R2	Good	
RAV06-012C													Coal	Part of above Interval														
RAV06-012C							287.63	287.65	0.02	288.19	288.21		Coal	Part of above Interval														
RAV06-012C							287.65	287.93	0.28	288.21	288.49		Coal	Part of above Interval														
RAV06-012C							287.93	288.03	0.10	288.49	288.59		Carb. MST	Floor Sample. Brownish black, very fine grained, massive, solid	Py	Tr	Cal	Tr	10231	W6	Massive	Fr	5	6.25	70.00	R6	Excellent	
RAV06-012C						288.17	288.03	288.17	0.14	288.59	288.73		Carb. MST	Part of above Interval														
RAV06-012C	100	1.63	1.63	100.00	288.17		288.17	288.25	0.08	288.73	288.81		Carb. MST	Part of above Interval														
RAV06-012C							289.80	288.25	289.80	1.55	288.81	290.36		SLT	Dark grey. Very fine grained, massive. BCN of calcite veins is 30 degrees.	-		Cal	Tr		W6	Massive	Fr	20	1.29	100.00	R6	Excellent
RAV06-012C																					Fr	1	1.94					
RAV06-012C	101	2.84	2.84	100.00	289.80		289.80	290.61	0.81	290.36	291.17		SST	Light grey, medium to very course grained, well sorted, massive, carbonaceous bands, coal spars, shale stringers at 20 degrees BCN, BCN of calcite of 30 degrees BCN, numerous micro faults and fractures.	-		Cal	1		W6	Massive	SS	20	0.66	99.00	R7	Excellent	
RAV06-012C							292.64	290.61	292.64	2.03	291.17	293.20		SST	Part of above Interval													
RAV06-012C	102	2.90	2.90	100.00	292.64		292.64	292.92	0.28	293.20	293.48		SST	Part of above Interval														
RAV06-012C							295.54	292.92	295.54	2.62	293.48	296.10		SST	Light grey, medium to very course grained. Becoming courser towards the bottom, massive, numerous micro faults and fractures, shale stringers, fractures filled with calcite, calcite veins with a BCN that ranges between 0 to 45 degrees.	-		Cal	1		W6	Massive	Fr	20	0.69	98.00	R7	Excellent
RAV06-012C																					Fr	30	0.34					
RAV06-012C																					Fr	1	0.34					
RAV06-012C	103	2.90	2.90	100.00	295.54		295.54	295.58	0.04	296.10	296.14		SST	Part of above Interval														
RAV06-012C							295.58	295.83	0.25	296.14	296.39		SST	Part of above Interval														
RAV06-012C							295.83	295.87	0.04	296.39	296.43		SST	Large grey/white black, course very course grained, massive. BCN of calcite veins is 45 degrees, fossils being replaced by pyrite, coal spars, BCN of shale stringers are 20 degrees.	Py	Tr	Cal	1		W6						100.00	R7	Excellent
RAV06-012C							295.87	297.85	1.98	296.43	298.41		SST	Part of above Interval														
RAV06-012C							297.85	298.36	0.51	298.41	298.92		Carb. SLT	Dark black, very fine to medium grained, Alternating layers of soft carbonaceous SLT and SLT. BCN of beds is 30 degrees BCN.	-		Cal	1		W6	1mm to 2cm	Fr	20	1.96	80.00	R7	Excellent	
RAV06-012C																					Fr	1	3.92					

