

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Floor – Siltstone					
					Roof – Grey shale					
	134.71	135.46	0.75	0.75	Shaly coal	0.18	F/b-1	6.2	47.7	1000
					Coal, CPB	0.45	F/C-1	10.0	20.8	1800
					Band	0.12	F/b-2	5.6	55.5	750
					Floor – Very coarse grained sandstone					
					Roof – Grey shale					
	143.20	161.70	18.50	18.50	Coal	0.60	G/C-1	10.7	23.3	2700
					Band	0.12	G/b-1	7.1	48.8	800
					Coal	0.32	G/C-2	10.6	21.2	1250
					Shaly coal	0.28	G/b-2	6.6	48.4	1450
					Coal	0.90	G/C-3	10.0	22.4	3900
					Shaly coal	0.28	G/b-3	6.9	42.2	1300
					Coal	2.80	G/C-4	9.7	23.4	11500
					Band	0.28	G/b-4	6.0	56.1	1650
					Coal	0.22	G/C-5	9.4	30.7	950
					Shaly coal	0.25	G/b-5	7.7	47.3	1350
					Coal	0.30	G/C-6	11.6	25.7	1950
					Shaly coal, CPB	0.22	G/b-6	7.9	42.3	1000
					Coal	2.10	G/C-7	10.1	24.2	8750
					Shaly coal	0.32	G/b-7	6.6	40.2	1750
					Coal	1.12	G/C-8	9.8	23.6	5000
					Shaly coal	0.34	G/b-8	7.5	42.0	1750
					Coal	1.00	G/C-9	10.4	25.7	4350
					Shaly coal	0.14	G/b-9	6.7	44.5	700
					Coal	0.52	G/C-10	9.6	27.6	2650
					Shaly coal	0.16	G/b-10	8.8	43.0	850
					Coal	0.56	G/C-11	10.5	29.4	2650
					Band	0.16	G/b-11	7.9	48.3	850

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B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %	
	From (m.)	To (m.)									
						Coal	3.70	G/C-12	11.0	20.0	16000
						Band	0.56	G/b-12	7.2	49.3	3650
						Coal	0.72	G/C-13	11.3	23.5	3250
						Band	0.30	G/b-13	7.0	53.3	1900
						Coal	0.23	G/C-14	11.0	27.9	1100
						Floor – Grey shale					
						Roof – Very coarse grained sandstone					
	167.05	174.90	7.85	7.85		Coal	0.38	H/C-1	9.8	30.9	2000
						Band	0.20	H/b-1	6.8	50.9	1250
						Coal	0.45	H/C-2	10.8	27.4	2250
						Band	0.56	H/b-2	7.3	48.9	3300
						Coal	0.26	H/C-3	8.8	34.1	1200
						Band	0.32	H/b-3	7.6	51.1	2050
						Coal	0.67	H/C-4	10.6	28.3	3250
						Band	0.12	H/b-4	6.7	50.1	750
						Coal	0.32	H/C-5	10.6	24.4	1450
						Shaly coal	0.20	H/b-5	7.0	44.0	1000
						Coal	0.45	H/C-6	10.5	27.6	2100
						Band	0.08	H/b-6	5.8	51.8	450
						Coal	0.28	H/C-7	9.4	24.6	1350
						Shaly coal	0.10	H/b-7	8.0	30.8	500
						Coal	0.63	H/C-8	8.6	30.5	3000
						Shaly coal	0.50	H/b-8	7.7	41.2	2700
						Coal	0.22	H/C-9	9.4	29.5	950
						Band	0.13	H/b-9	5.0	57.5	900
						Coal	1.20	H/C-10	9.4	25.6	5550
						Band	0.08	H/b-10	4.1	63.4	550
						Coal	0.70	H/C-11	9.1	24.4	3400

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Floor – Fine grained sandstone					
					Roof – Very coarse grained sandstone					
	186.10	187.10	1.00	1.00	Coal, CPB	0.12	I/C-1	10.0	21.2	500
					Shaly coal	0.18	I/b-1	8.9	37.2	1050
					Coal	0.48	I/C-2	9.6	30.2	2200
					Band	0.22	I/b-2	4.6	64.7	1400
					Floor – Very coarse grained sandstone					
					Roof – Very coarse grained sandstone					
	187.40	188.05	0.65	0.65	Band	0.30	J/b-1	6.0	56.4	1600
					Coal	0.20	J/C-1	10.4	24.6	700
					Band	0.15	J/b-2	7.4	49.1	800
					Floor – Siltstone & Shale					
					Roof – Grey shale					
	189.90	192.50	2.60	2.60	Coal	0.21	K/C-1	9.7	28.1	900
					Shaly coal	0.09	K/b-1	7.6	40.7	450
					Coal	0.13	K/C-2	11.1	16.2	450
					Shaly coal	0.12	K/b-2	6.4	41.5	500
					Coal	0.32	K/C-3	11.9	18.7	1200
					Band	0.20	K/b-3	5.6	53.6	1150
					Coal	0.26	K/C-4	9.1	29.3	1100
					Band	0.46	K/b-4	5.2	62.1	2850
					Coal	0.56	K/C-5	8.7	26.7	2400
					Shaly coal	0.25	K/b-5	6.3	46.8	1200
					Floor – Grey shale					
					Roof – Black shale					
	210.00	211.20	1.20	1.20	Band	0.08	L/b-1	5.8	50.1	500
					Coal, CPB	0.17	L/C-1	9.9	20.2	700
					Band	0.75	L/b-2	4.8	61.9	4900
					Coal, CPB	0.20	L/C-2	7.6	27.4	800

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
Floor – Medium to coarse grained sandstone										
Roof – Black shale										
250.60	266.10	15.50	15.50		Band	0.30	M/b-1	5.7	54.0	2000
					Coal	0.18	M/C-1	10.3	19.1	900
					Band	0.14	M/b-2	4.6	61.9	850
					Coal	0.60	M/C-2	10.1	19.4	3350
					Shaly coal	0.13	M/b-3	6.1	39.9	600
					Coal	2.00	M/C-3	9.7	20.3	9600
					Shaly coal	0.22	M/b-4	6.2	39.4	850
					Coal	0.60	M/C-4	9.0	21.4	3250
					Shaly coal	0.78	M/b-5	6.0	45.7	4650
					Coal	0.20	M/C-5	7.5	20.6	800
					Band	0.20	M/b-6	5.9	49.4	1600
					Coal	1.12	M/C-6	8.3	24.0	5150
					Shaly coal	0.15	M/b-7	7.2	37.6	700
					Coal	0.52	M/C-7	9.0	21.3	2200
					Shaly coal	0.38	M/b-8	6.2	43.2	1900
					Coal	0.38	M/C-8	8.1	24.5	1750
					Shaly coal	0.22	M/b-9	6.3	38.8	1100
					Coal	0.33	M/C-9	8.1	30.7	1700
					Shaly coal	0.30	M/b-10	5.8	44.2	1500
					Coal	0.67	M/C-10	8.1	23.2	3150
					Shaly coal, CPB	0.30	M/b-11	5.9	42.0	1350
					Coal, CPB	0.60	M/C-11	9.4	25.7	3100
					Shaly coal	0.30	M/b-12	6.1	45.2	1500
					Coal	0.55	M/C-12	9.1	28.5	2600
					Shaly coal	0.17	M/b-13	7.0	43.0	850
					Coal	0.55	M/C-13	8.0	27.4	2750
					Shaly coal	0.40	M/b-14	6.2	42.0	2000

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B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Coal	0.40	M/C-14	8.8	23.9	2150
					Band	0.18	M/b-15	5.4	51.0	1150
					Coal	0.72	M/C-15	8.9	26.4	3650
					Shaly coal	0.28	M/b-16	6.3	47.3	1450
					Coal	1.63	M/C-16	10.6	22.4	7700
					Floor – Grey shale					
					Roof – Grey shale					
	269.00	273.90	4.90	4.90	Shaly coal	0.65	N/b-1	6.0	43.8	3200
					Coal	0.26	N/C-1	8.2	24.9	1050
					Shaly coal	0.22	N/b-2	6.0	47.6	1400
					Coal	0.47	N/C-2	8.4	27.8	2000
					Shaly coal	0.28	N/b-3	6.0	46.2	1450
					Coal	0.90	N/C-3	9.0	23.5	4000
					Band	0.65	N/b-4	4.7	57.6	3700
					Coal	0.48	N/C-4	7.4	27.2	2050
					Shaly coal	0.24	N/b-5	5.9	44.4	1150
					Coal	0.37	N/C-5	7.6	27.0	1650
					Band	0.14	N/b-6	3.9	61.8	1550
					Coal	0.24	N/C-6	10.3	18.9	1050
					Floor – Fine grained sandstone					
					Roof – Fine grained sandstone					
	274.80	278.50	3.70	3.70	Band	0.13	O/b-1	5.2	50.8	750
					Coal	0.78	O/C-1	8.2	27.2	3200
					Shaly coal	0.10	O/b-2	5.3	46.4	550
					Coal	0.20	O/C-2	9.0	24.1	850
					Shaly coal	0.18	O/b-3	5.6	41.8	1100
					Coal	0.32	O/C-3	7.8	29.4	1550
					Shaly coal	0.52	O/b-4	5.4	49.4	3350
					Coal	0.90	O/C-4	8.4	28.4	3900

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B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Shaly coal	0.15	O/b-5	5.3	48.0	850
					Coal, CPB	0.42	O/C-5	10.1	24.0	1750
					Floor – Grey shale					
					Roof – Grey shale					
	279.10	292.20	13.10	13.10	Coal	0.21	P/C-1	8.7	19.0	450
					Band	0.11	P/b-1	4.9	51.8	650
					Coal	0.38	P/C-2	10.2	22.9	1900
					Shaly coal	0.11	P/b-2	7.5	42.3	500
					Coal	0.48	P/C-3	7.1	28.4	3450
					Band, CPB	0.28	P/b-3	5.8	50.3	1550
					Coal	0.64	P/C-4	8.3	27.7	3250
					Shaly coal	0.15	P/b-4	6.3	34.7	750
					Coal	0.14	P/C-5	7.3	29.1	600
					Shaly coal	0.11	P/b-5	6.0	39.4	500
					Coal	0.13	P/C-6	6.6	28.5	650
					Shaly coal	0.19	P/b-6	6.1	38.8	1000
					Coal	0.18	P/C-7	6.6	29.2	900
					Shaly coal	0.13	P/b-7	6.0	45.3	900
					Coal	0.38	P/C-8	10.0	25.1	1750
					Shaly coal	0.13	P/b-8	6.4	41.2	650
					Coal	0.51	P/C-9	9.4	24.6	2600
					Shaly coal	0.25	P/b-9	5.5	42.8	1400
					Coal	0.44	P/C-10	9.8	23.2	2000
					Band	0.15	P/b-10	4.9	55.2	1000
					Coal, CPB	0.48	P/C-11	9.4	27.2	2000
					Shaly coal	0.13	P/b-11	5.4	43.8	650
					Coal	0.16	P/C-12	8.7	26.6	800
					Shaly coal	0.29	P/b-12	6.0	38.4	1700
					Coal	0.12	P/C-13	7.8	27.0	600

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B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Band	0.11	P/b-13	5.3	50.0	650
					Coal	0.13	P/C-14	7.6	25.8	650
					Shaly coal	0.11	P/b-14	6.2	32.7	550
					Coal	0.45	P/C-15	8.2	21.7	2200
					Shaly coal	0.14	P/b-15	6.6	33.9	550
					Coal, CPB	0.66	P/C-16	7.7	22.1	3000
					Shaly coal	0.16	P/b-16	5.8	38.1	800
					Coal, CPB	0.26	P/C-17	7.0	27.8	1000
					Shaly coal, CPB	0.22	P/b-17	6.0	38.9	1000
					Coal	0.14	P/C-18	11.2	19.4	600
					Shaly coal	0.12	P/b-18	6.9	32.8	700
					Coal	0.26	P/C-19	10.9	23.2	1100
					Shaly coal	0.15	P/b-19	5.5	48.2	1000
					Coal	0.14	P/C-20	9.0	26.5	650
					Shaly coal	0.14	P/b-20	5.5	47.4	800
					Coal	0.19	P/C-21	10.6	20.0	950
					Shaly coal	0.17	P/b-21	6.2	45.2	850
					Coal	0.12	P/C-22	9.6	17.0	400
					Shaly coal	0.13	P/b-22	5.2	44.2	700
					Coal	0.12	P/C-23	8.2	26.4	550
					Band	0.14	P/b-23	6.0	50.3	900
					Coal	0.11	P/C-24	9.9	24.3	500
					Band	0.33	P/b-24	4.8	53.4	2000
					Coal	0.10	P/C-25	7.5	25.7	500
					Band	1.38	P/b-25	5.2	50.5	8100
					Coal	0.17	P/C-26	8.0	22.1	750
					Shaly coal	0.50	P/b-26	6.5	43.9	2600
					Coal	0.17	P/C-27	8.9	32.5	850

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	From (m.)	To (m.)						%		%
AB - 5					Floor – Black shale					
					Roof - Shale					
	304.50	305.30	0.80	0.80	Shaly coal	0.10	Q/b-1	5.4	48.3	600
					Coal	0.15	Q/C-1	10.2	20.5	600
					Band	0.55	Q/b-2	4.5	62.0	3600
					Floor - Shale					
					Roof – Grey shale					
	20.00	20.60	0.60	0.60	Band, CPB	0.40	A/b-1	5.3	58.4	4400
					Coal, CPB	0.20	A/C-1	8.4	34.8	1700
					Floor – Very coarse grained sandstone					
					Roof – Carbonaceous shale					
	21.60	23.10	1.50	1.50	Band, CPB	0.30	B/b-1	5.9	51.4	4150
					Coal, CPB	0.20	B/C-1	7.8	33.7	1450
					Band, CPB	0.16	B/b-2	6.0	54.6	2000
					Coal	0.22	B/C-2	8.8	32.5	2800
					Band, CPB	0.10	B/b-3	6.4	54.6	1450
					Coal, CPB	0.25	B/C-3	9.2	32.1	2250
					Shaly coal, CPB	0.17	B/b-4	7.4	44.0	2000
					Coal	0.10	B/C-4	8.2	35.0	1250
					Floor – Carbonaceous shale					
					Roof – Carbonaceous shale					
	24.00	25.25	1.25	1.25	Band	0.10	C/b-1	5.4	57.8	1200
					Coal, CPB	0.15	C/C-1	8.1	34.7	1500
					Band, CPB	0.22	C/b-2	5.0	60.4	2450
					Coal,CPB	0.20	C/C-2	8.3	30.4	1800
					Shaly coal	0.25	C/b-3	6.7	45.1	2100
					Coal, CB	0.33	C/C-3	8.5	29.1	2750

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	From (m.)	To (m.)								
					Floor – Grey shale					
					Roof – Grey shale					
	37.10	38.75	1.65	1.65	Band	0.25	D/b-1	6.9	49.6	3000
					Coal, CPB	0.65	D/C-1	7.9	28.6	6500
					Band	0.15	D/b-2	5.1	56.0	2000
					Coal	0.60	D/C-2	8.7	28.4	5700
					Floor – Grey shale					
					Roof – Grey shale					
	44.95	49.30	4.35	4.35	Coal	1.10	E/C-1	8.6	26.6	13200
					Shaly coal	0.12	E/b-1	6.5	48.0	1900
					Coal	0.25	E/C-2	7.9	27.6	2900
					Band	0.18	E/b-2	6.2	49.6	2600
					Coal	0.35	E/C-3	7.6	31.5	4550
					Band	0.12	E/b-3	5.9	54.6	1800
					Coal	0.21	E/C-4	10.0	16.4	1900
					Shaly coal	0.11	E/b-4	6.3	48.7	1550
					Coal	0.38	E/C-5	8.6	23.5	3850
					Shaly coal	0.08	E/b-5	6.2	47.8	1000
					Coal	0.10	E/C-6	9.0	22.2	1200
					Shaly coal	0.10	E/b-6	6.4	46.2	1300
					Coal	0.20	E/C-7	9.0	22.5	2400
					Shaly coal	0.18	E/b-7	6.3	46.9	2500
					Coal	0.10	E/C-8	9.5	23.4	1200
					Shaly coal	0.11	E/b-8	7.4	41.9	1500
					Coal	0.13	E/C-9	9.5	21.4	1600
					Band	0.09	E/b-9	6.0	49.2	1300
					Coal	0.20	E/C-10	7.6	24.6	2400
					Band, CPB	0.16	E/b-10	4.4	55.3	1300
					Coal	0.08	E/C-11	7.7	25.6	900

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	From (m.)	To (m.)								
					Floor – Grey shale					
					Roof – Fine grained sandstone					
	73.50	74.90	1.40	1.40	Coal	0.10	F/C-1	8.0	28.6	1100
					Shaly coal	0.24	F/b-1	5.8	46.2	3350
					Coal, CPB	0.18	F/C-2	8.6	28.2	1800
					Shaly coal	0.23	F/b-2	6.4	42.7	3000
					Coal, CPB	0.25	F/C-3	7.5	28.4	2600
					Shaly coal, CPB	0.40	F/b-3	5.8	48.2	4550
					Floor – Medium grained sandstone					
					Roof – Fine grained sandstone					
	232.10	235.50	3.40	3.40	Band	0.12	G/b-1	7.1	50.1	1300
					Coal	1.15	G/C-1	10.9	25.1	8450
					Band	0.22	G/b-2	5.4	56.0	2250
					Coal	0.45	G/C-2	8.6	27.9	3300
					Band	0.16	G/b-3	5.8	54.7	1550
					Coal	1.30	G/C-3	9.6	21.2	9900
					Floor – Grey shale					
					Roof – Carbonaceous shale					
	238.10	238.95	0.85	0.85	Coal	0.37	H/C-1	9.2	25.0	3150
					Band, CPB	0.18	H/b-1	4.4	58.1	1850
					Coal	0.30	H/C-2	8.2	23.1	2450
					Floor – Carbonaceous shale					
					Roof – Grey shale					
	253.05	255.25	2.20	2.20	Shaly coal	0.07	I/b-1	6.2	46.2	600
					Coal, CPB	1.58	I/C-1	9.4	19.4	7400
					Band	0.15	I/b-2	5.5	52.8	1350
					Coal, CPB	0.40	I/C-2	8.5	18.0	2000
					Floor – Carbonaceous shale					
					Roof – Coarse grained sandstone					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
	264.60	269.40	4.80	4.80	Band	0.10	J/b-1	5.3	50.6	1000
					Coal	1.05	J/C-1	8.5	17.8	6600
					Band	0.20	J/b-2	5.2	54.4	2000
					Coal	0.80	J/C-2	10.5	19.1	5400
					Shaly coal	0.10	J/b-3	6.8	45.0	700
					Coal	0.17	J/C-3	10.2	16.4	1000
					Band	0.16	J/b-4	6.6	50.8	1300
					Coal	0.30	J/C-4	9.4	18.9	2200
					Band	0.10	J/b-5	6.2	52.4	1000
					Coal, CPB	1.25	J/C-5	11.0	16.7	6850
					Band	0.12	J/b-6	6.2	48.9	1000
					Coal	0.45	J/C-6	9.0	24.9	3400
	269.40	275.40	5.80	5.80	Coal, CPB	1.25	J/C-7	7.2	25.9	9450
					Sideritic shale	0.07	Not sampled			1100
					Coal,CPB	2.93	J/C-8	8.0	24.7	24400
					Band	0.22	J/b-7	4.8	60.4	2400
					Coal, CPB	0.16	J/C-9	8.5	27.2	950
					Shaly coal	0.18	J/b-8	5.1	46.2	1800
					Coal	0.25	J/C-10	9.2	22.2	1900
					Band	0.09	J/b-9	6.2	49.5	1000
					Coal	0.65	J/C-11	8.2	26.3	5800
					Floor – Grey shale					
					Roof – Grey shale					
	276.60	277.30	0.70	0.70	Coal	0.18	K/C-1	7.2	30.2	2200
					Shaly coal, CPB	0.10	K/b-1	5.4	49.1	1200
					Coal	0.42	K/C-2	8.2	30.8	5500

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Floor – Grey shale					
					Roof – Grey shale					
	289.30	290.30	1.00	1.00	Band	0.09	L/b-1	4.4	58.9	1000
					Coal	0.12	L/C-1	7.5	30.7	1050
					Shaly coal	0.22	L/b-2	5.2	49.5	2000
					Coal	0.22	L/C-2	7.3	32.8	1800
					Band, CPB	0.20	L/b-3	5.7	52.2	2050
					Coal, CPB	0.15	L/C-3	9.2	22.8	1000
					Floor – Grey shale					
					Roof – Grey shale					
	303.20	303.90	0.70	0.70	Coal, CPB	0.70	M/C-1	7.6	33.5	5400
					Floor – Siltstone					
					Roof – Grey shale					
	312.65	315.25	2.60	2.60	Shaly coal	0.41	N/b-1	7.2	45.5	4000
					Coal, CPB	0.34	N/C-1	8.8	30.8	2450
					Band	0.10	N/b-2	4.6	60.3	1150
					Coal, CPB	0.54	N/C-2	8.2	34.4	4600
					Band, CPB	0.34	N/b-3	5.6	58.0	3500
					Coal, CB	0.42	N/C-3	9.8	26.6	2200
					Band, CB	0.23	N/b-4	5.9	53.4	2300
					Coal, CB	0.22	N/C-4	8.2	26.8	1500
					Floor – Grey shale					
					Roof – Grey shale					
	376.46	377.96	1.50	1.50	Coal	0.10	O/C-1	9.1	22.7	1100
					Shaly coal	0.20	O/b-1	7.3	40.7	2000
					Coal	0.30	O/C-2	9.6	20.2	2900
					Band	0.08	O/b-2	6.1	49.4	1000
					Coal	0.22	O/C-3	8.0	27.9	2100
					Shaly coal	0.14	O/b-3	7.1	40.3	1650

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Coal	0.46	O/C-4	7.9	27.1	3850
					Floor – Grey shale					
					Roof – Grey shale					
	401.70	402.50	0.80	0.80	Shaly coal	0.15	P/b-1	5.8	45.8	1400
					Coal, CPB	0.20	P/C-1	7.6	28.0	1450
					Band	0.45	P/b-2	4.5	55.2	4800
					Floor – Silty shale					
	411.40	412.35	0.95	0.95	Roof – Coarse grained sandstone					
					Shaly coal	0.13	Q/b-1	5.5	42.3	1250
					Coal, CPB	0.16	Q/C-1	7.7	25.1	1600
					Shaly coal	0.12	Q/b-2	5.7	37.2	1200
					Coal	0.09	Q/C-2	6.0	31.5	900
					Band	0.22	Q/b-3	4.2	60.6	2300
					Coal, CPB	0.15	Q/C-3	6.3	31.6	1200
					Band	0.08	Q/b-4	4.1	58.7	1050
					Floor – Grey shale					
	413.95	416.55	2.60	2.60	Roof – Grey shale					
					Band	0.13	R/b-1	5.1	56.1	1700
					Coal	0.19	R/C-1	7.3	25.4	1800
					Band	0.12	R/b-2	5.0	55.0	1500
					Coal	0.52	R/C-2	6.5	29.0	4850
					Shaly coal	0.12	R/b-3	6.3	39.2	1250
					Coal	0.12	R/C-3	7.0	29.7	1250
					Band	0.48	R/b-4	3.1	72.1	6700
					Coal	0.25	R/C-4	7.2	19.8	2300
					Shaly coal	0.17	R/b-5	5.0	47.6	1500
					Coal	0.40	R/C-5	7.6	26.5	3600
					Band	0.10	R/b-6	4.6	53.6	1000

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Floor – Grey shale					
					Roof – Grey shale					
	417.35	418.05	0.70	0.70	Shaly coal, CPB	0.48	S/b-1	6.0	43.6	4000
					Coal, CPB	0.22	S/C-1	8.2	23.6	1300
					Floor – Grey shale					
					Roof – Grey shale					
	419.30	420.45	1.15	1.15	Coal	0.27	T/C-1	8.6	25.8	2200
					Shaly coal	0.28	T/b-1	6.3	38.8	2700
					Coal	0.37	T/C-2	7.6	22.6	2800
					Band	0.23	T/b-2	4.2	53.3	2900
					Floor – Grey shale					
					Roof – Coarse grained sandstone					
	424.70	433.50	8.80	8.80	Coal	0.35	U/C-1	6.2	28.0	2800
					Band	0.50	U/b-1	3.7	63.3	6000
					Coal, CPB	0.73	U/C-2	6.4	30.0	5500
					Band	0.25	U/b-2	4.7	51.7	3000
					Coal	0.40	U/C-3	7.0	26.4	3300
					Band	0.18	U/b-3	4.6	53.0	2050
					Coal, CPB	0.43	U/C-4	5.8	33.4	3350
					Band	0.48	U/b-4	4.2	55.7	5150
					Coal	0.15	U/C-5	6.5	27.1	1350
					Band	0.17	U/b-5	4.0	60.9	2150
					Coal	0.24	U/C-6	7.5	21.7	1900
					Shaly coal	0.34	U/b-6	7.1	35.0	4200
					Coal, CPB	0.50	U/C-7	8.1	19.3	3000
					Band	0.30	U/b-7	3.6	69.9	3500
					Coal, CPB	0.43	U/C-8	7.9	20.2	3300
					Band, CPB	0.43	U/b-8	4.0	66.9	5100
					Coal	0.43	U/C-9	8.0	23.6	3800

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Band, CPB	0.25	U/b-9	5.6	51.3	2850
					Coal	0.22	U/C-10	8.8	22.7	2000
					Band	0.18	U/b-10	4.4	65.6	2550
					Coal	0.20	U/C-11	7.4	30.4	1800
					Band, CPB	0.79	U/b-11	5.7	53.6	8800
					Coal	0.12	U/C-12	7.6	33.3	1050
					Band	0.18	U/b-12	4.2	66.7	2400
					Coal	0.17	U/C-13	8.8	23.4	1800
					Shaly coal, CPB	0.38	U/b-13	5.2	49.7	3700
					Floor – Shale					
					Roof - Siltstone					
	434.70	436.35	1.65	1.65	Band, CPB	0.15	V/b-1	4.8	54.9	1300
					Coal, CPB	0.20	V/C-1	7.1	26.4	1400
					Shaly coal, CPB	0.20	V/b-2	5.7	48.0	1550
					Coal	0.13	V/C-2	7.8	24.6	1200
					Shaly coal	0.43	V/b-3	5.6	47.2	4000
					Coal, CPB	0.15	V/C-3	8.8	20.9	1100
					Shaly coal	0.39	V/b-4	6.0	47.6	3800
					Floor – Carbonaceous shale					
					Roof – Carbonaceous shale					
	436.70	445.10	8.40	8.40	Shaly coal	0.54	W/b-1	5.9	48.2	6500
					Coal	0.17	W/C-1	7.3	32.6	1550
					Band	0.33	W/b-2	5.3	50.1	3700
					Coal	0.16	W/C-2	9.0	20.5	1300
					Band	0.50	W/b-3	5.1	55.0	5350
					Coal	0.25	W/C-3	7.9	28.9	2000
					Shaly coal, CPB	0.12	W/b-4	5.6	45.5	1000
					Coal	0.13	W/C-4	8.6	19.8	900
					Band, CPB	0.14	W/b-5	4.0	51.2	1700

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)		
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash	
	From (m.)	To (m.)						%		%	
AB – 6					Coal, CPB	0.90	W/C-5	6.3	31.4	7150	
					Shaly coal, CPB	0.21	W/b-6	5.8	44.4	1800	
					Band, CPB	0.16	W/b-7	4.6	59.8	1900	
					Coal, CPB	0.17	W/C-6	7.3	25.9	1300	
					Band	0.12	W/b-8	3.8	69.6	1200	
					Shaly coal, CPB	0.27	W/b-9	6.4	41.1	2700	
					Coal, CPB	0.13	W/C-7	8.2	22.0	900	
					Band	0.45	W/b-10	4.4	57.4	5150	
					Coal, CPB	0.28	W/C-8	7.4	23.2	1800	
					Band, CPB	0.43	W/b-11	4.9	53.7	3800	
					Coal, CPB	0.28	W/C-9	7.1	29.3	2200	
					Band, CPB	1.02	W/b-12	4.4	59.6	11150	
					Coal	0.33	W/C-10	7.4	26.5	2900	
					Band, CPB	0.60	W/b-13	4.8	52.6	7050	
					Coal	0.17	W/C-11	6.8	28.2	1550	
					Shaly coal, CPB	0.54	W/b-14	5.0	42.2	4500	
					Floor – Carbonaceous shale						
					Roof – Coarse grained sandstone						
		446.05	447.00	0.95	0.95	Band, CPB	0.24	X/b-1	3.6	62.2	2000
						Coal	0.23	X/C-1	7.4	25.6	1550
						Band	0.27	X/b-2	3.8	58.9	2650
						Coal	0.21	X/C-2	7.5	24.6	1300
						Floor – Coarse grained sandstone					
						Roof – Grey shale					
		26.45	27.00	0.55	0.55	Coal	0.55	A/C-1	7.9	22.0	3450
						Floor – Grey shale					
						Roof – Grey shale					
	28.35	32.00	3.65	3.65	Coal, CPB	0.14	B/C-1	8.5	31.5	800	

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
					Band	0.28	B/b-1	4.5	63.9	2400
					Coal, CPB	0.15	B/C-2	8.4	29.0	650
					Band, CPB	0.10	B/b-2	5.7	50.0	750
					Coal, CPB	0.10	B/C-3	7.1	35.9	600
					Band, CPB	0.41	B/b-3	5.7	50.4	3200
					Coal	0.27	B/C-4	7.6	31.8	1750
					Band	0.40	B/b-4	3.6	68.6	3450
					Coal, CPB	0.10	B/C-5	8.0	25.7	450
					Band, CPB	0.50	B/b-5	4.2	63.1	1500
					Coal	0.30	B/C-6	7.2	34.1	1900
					Band	0.18	B/b-6	5.1	58.8	1650
					Coal	0.15	B/C-7	8.5	32.0	1000
					Band	0.15	B/b-7	5.6	57.4	1300
					Coal	0.16	B/C-8	8.8	29.4	1050
					Band, CPB	0.12	B/b-8	4.2	69.6	950
					Coal, CPB	0.14	B/C-9	9.9	21.6	600
					Floor – Grey shale					
					Roof – Grey shale					
	33.20	34.00	0.80	0.80	Band, CPB	0.65	C/b-1	5.8	53.0	4700
					Coal, CPB	0.15	C/C-1	9.0	29.7	550
					Floor – Grey siltstone					
					Roof – Fine grained sandstone					
	47.70	49.95	2.25	2.25	Band	0.17	D/b-1	4.0	64.6	1300
					Coal, CPB	0.64	D/C-1	9.0	27.1	3400
					Band	0.28	D/b-2	4.5	64.3	2300
					Coal, CPB	0.97	D/C-2	9.3	26.0	5000
					Band	0.19	D/b-3	4.0	64.6	1500
					Floor – Very coarse grained sandstone					
					Roof – Very coarse grained sandstone					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
	53.70	56.55	2.85	2.85	Coal, CPB	0.98	E/C-1	9.6	24.7	5500
					Band	0.12	E/b-1	4.2	58.8	1000
					Coal, CPB	0.75	E/C-2	10.4	24.6	3800
					Band	0.15	E/b-2	6.6	53.9	1250
					Coal, CPB	0.77	E/C-3	9.7	24.9	3900
					Band	0.08	E/b-3	4.9	57.9	600
					Floor – Grey shale					
					Roof – Grey shale					
	127.05	128.00	0.95	0.95	Coal, CPB	0.34	F/C-1	7.8	26.5	750
					Band	0.20	F/b-1	4.3	58.9	700
					Coal, CPB	0.29	F/C-2	7.6	26.9	600
					Shaly coal	0.12	F/b-2	5.0	48.7	300
					Floor – Carbonaceous shale					
					Roof – Fine grained sandstone					
	151.10	151.70	0.60	0.60	Coal, CB	0.37	G/C-1	8.3	21.4	500
					Band, CPB	0.23	G/b-1	5.0	53.2	800
					Floor – Shale					
					Roof - Shale					
	154.45	155.65	1.20	1.20	Coal, CPB	0.40	H/C-1	9.2	20.6	900
					Band	0.52	H/b-1	5.2	51.2	1600
					Coal	0.28	H/C-2	8.5	22.4	650
					Floor – Grey siltstone					
					Roof - Shale					
	163.50	166.95	3.45	3.45	Shaly coal	0.24	I/b-1	6.1	39.7	600
					Coal, CPB	0.32	I/C-1	7.9	28.3	600
					Shaly coal	0.26	I/b-2	5.8	46.2	700
					Coal, CPB	0.88	I/C-2	8.1	27.0	1450
					Shaly coal	0.25	I/b-3	5.8	48.0	600
					Coal, CPB	0.81	I/C-3	10.0	24.4	1700

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)				%		%		
					Shaly coal, CPB	0.34	I/b-4	6.2	43.2	800
					Coal, CPB	0.35	I/C-4	8.5	24.9	600
					Floor - Shale					
					Roof - Shale					
	182.35	187.05	4.70	4.70	Coal, CPB	0.40	J/C-1	7.4	21.8	850
					Band, CPB	0.32	J/b-1	4.9	50.6	750
					Coal, CPB	0.52	J/C-2	7.2	26.9	1150
					Band	0.25	J/b-2	4.6	54.8	700
					Coal	0.68	J/C-3	7.8	23.6	1550
					Shaly coal, CPB	0.40	J/b-3	5.2	49.0	1000
					Coal, CPB	1.96	J/C-4	8.4	19.8	3700
					Shaly coal	0.17	J/b-4	5.5	47.5	450
					Floor - Shale					
					Roof - Shale					
	197.45	208.65	11.10	11.10	Coal, CPB	5.16	K/C-1	7.1	25.0	9950
					Band	0.42	K/b-1	5.0	53.1	1050
					Coal, CPB	0.66	K/C-2	6.4	28.9	1400
					Shaly coal, CPB	0.66	K/b-2	5.2	38.4	1550
					Coal	0.99	K/C-3	6.4	27.0	2200
					Band, CPB	0.46	K/b-3	4.4	54.6	1050
					Coal, CPB	1.10	K/C-4	8.1	22.6	2300
					Shaly coal, CPB	0.16	K/b-4	6.4	39.6	350
					Coal, CPB	1.04	K/C-5	7.6	22.4	2200
					Band, CPB	0.45	K/b-5	4.7	56.7	1150
					Floor - Shale					
					Roof - Shale					
	209.95	214.50	4.45	4.45	Coal, CPB	1.66	L/C-1	8.3	23.1	3200
					Shaly coal	0.28	L/b-1	5.1	45.8	700
					Coal, CPB	0.18	L/C-2	7.0	24.0	350

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
					Shaly coal, CPB	0.58	L/b-2	4.9	47.2	1200
					Coal, CPB	1.30	L/C-3	8.4	23.1	2700
					Shaly coal, CPB	0.45	L/b-3	5.4	45.6	1000
					Floor – Shale					
					Roof - Shale					
	214.80	221.10	6.30	4.85	Coal, CPB	0.20	M/C-1	6.6	30.3	600
					Band	0.60	M/b-1	4.8	53.6	2000
					Coal, CPB	0.39	M/C-2	7.2	32.5	1200
					Shaly coal	0.21	M/b-2	6.5	43.3	650
					Coal, CPB	0.60	M/C-3	10.2	27.0	1700
					Shaly coal	0.19	M/b-3	6.8	44.7	650
					Coal, CPB	1.06	M/C-4	7.8	27.4	2800
					Shaly coal, CPB	0.18	M/b-4	6.4	45.9	600
					Coal, CPB	0.88	M/C-5	7.3	29.2	2050
					Shaly coal, CPB	0.28	M/b-5	5.4	48.9	750
					Coal	0.26	M/C-6	10.4	21.2	850
					Floor – Fine grained carbonaceous sandstone					
					Roof – Fine grained sandstone					
	224.55	228.35	3.80	3.50	Coal, CPB	0.33	N/C-1	7.2	24.7	700
					Shaly coal	0.24	N/b-1	5.2	47.8	1000
					Coal	0.43	N/C-2	6.8	27.4	950
					Shaly coal, CPB	0.35	N/b-2	6.2	40.0	1300
					Coal	0.73	N/C-3	6.7	30.6	1500
					Shaly coal	0.24	N/b-3	5.6	44.9	1050
					Coal, CPB	1.18	N/C-4	7.8	26.1	2100
					Floor – Siltstone					
					Roof – Grey shale					
	232.40	236.40	3.70	3.70	Shaly coal, CPB	0.43	O/b-1	6.2	40.9	1600
					Coal, CPB	0.52	O/C-1	6.6	31.7	1500

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Band, CPB	0.55	O/b-2	4.8	53.8	1600
					Coal, CPB	2.02	O/C-2	6.3	27.7	5600
					Shaly coal, CPB	0.18	O/b-3	4.8	49.5	550
	236.40	243.45	6.90	6.90	Coal	0.63	P/C-1	6.0	26.7	3000
					Shaly coal	0.23	P/b-1	4.9	45.6	1150
					Coal, CPB	0.64	P/C-2	6.3	27.3	3000
					Shaly coal, CPB	0.38	P/b-2	4.6	43.7	1750
					Coal, CB	0.56	P/C-3	6.0	27.7	1900
					Shaly coal	0.26	P/b-3	4.9	41.4	1350
					Coal, CPB	2.11	P/C-4	6.2	27.1	9000
					Shaly coal	0.13	P/b-4	4.9	46.7	800
					Coal, CPB	0.25	P/C-5	6.7	33.1	1050
					Shaly coal	0.22	P/b-5	5.0	49.0	1300
					Coal	0.27	P/C-6	6.7	27.2	1400
					Shaly coal, CPB	1.22	P/b-6	4.9	50.0	5700
					Floor – Carbonaceous shale					
					Roof – Grey shale					
	254.70	256.20	1.50	1.50	Band	0.85	Q/b-1	4.5	59.8	6000
					Coal	0.15	Q/C-1	7.6	30.1	800
					Shaly coal	0.50	Q/b-2	6.1	42.0	3000
					Floor – Grey shale					
					Roof – Carbonaceous shale					
	297.25	299.25	2.00	2.00	Shaly coal	0.20	R/b-1	5.6	42.6	1050
					Coal, CPB	0.25	R/C-1	7.8	25.3	700
					Band, CPB	0.65	R/b-2	4.7	51.2	3000
					Coal, CPB	0.16	R/C-2	7.7	28.0	650
					Band	0.40	R/b-3	4.2	58.4	2300
					Coal, CPB	0.13	R/C-3	6.8	29.4	550
					Shaly coal, CPB	0.21	R/b-4	5.3	46.6	950

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
AB -7	RNC/92/BH-73				Floor – Carbonaceous shale					
					Roof – Carbonaceous shale					
	54.00	55.25	1.25	1.25	Band, CPB	0.25	A/b-1	5.8	55.7	1500
					Coal	0.32	A/C-1	7.7	30.0	2050
					Band, CPB	0.10	A/b-2	6.7	51.7	800
					Coal, CPB	0.25	A/C-2	9.9	25.4	1400
					Band, CPB	0.15	A/b-3	6.4	48.8	1200
					Coal, CPB	0.18	A/C-3	10.6	21.5	950
					Floor – Fine grained sandstone					
					Roof – Coarse grained sandstone					
	89.25	90.10	0.85	0.85	Coal, CPB	0.85	B/C-1	9.2	19.9	4700
					Floor – Grey shale					
					Roof – Grey shale					
	90.90	92.30	1.40	1.40	Shaly coal	0.14	C/b-1	6.0	46.9	1050
					Coal	0.86	C/C-1	9.6	23.5	5000
					Band	0.11	C/b-2	6.8	49.3	900
					Coal	0.26	C/C-2	11.2	14.8	1550
					Sideritic shale	0.03	Not sampled			600
					Floor – Grey shale					
					Roof – Grey shale					
	97.50	98.60	1.10	1.10	Shaly coal	0.17	D/b-1	6.8	47.8	1250
					Coal, CPB	0.20	D/C-1	9.4	27.1	1100
					Band	0.52	D/b-2	5.2	56.7	4200
					Coal	0.21	D/C-2	10.2	21.9	1200
					Floor – Grey shale					
					Roof – Grey shale					
	105.60	106.80	1.20	1.20	Coal	0.15	E/C-1	8.5	29.8	950
					Band	0.20	E/b-1	5.9	50.6	1600

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
					Coal, CPB	0.53	E/C-2	8.3	25.6	3100
					Band	0.15	E/b-2	3.8	64.2	1450
					Coal	0.17	E/C-3	8.6	21.3	1050
					Floor – Grey shale					
					Roof – Carbonaceous shale					
	131.00	138.75	7.75	7.75	Coal	0.70	F/C-1	8.2	28.8	4550
					Shaly coal	0.10	F/b-1	7.4	42.0	700
					Coal	0.75	F/C-2	8.5	26.6	4750
					Shaly coal	0.12	F/b-2	6.6	46.6	1000
					Coal	1.88	F/C-3	8.6	25.4	12550
					Band	0.12	F/b-3	6.3	50.8	1000
					Coal	1.60	F/C-4	7.7	30.4	10400
					Band	0.12	F/b-4	5.3	52.4	900
					Coal	0.18	F/C-5	9.0	33.9	1300
					Shaly coal	0.18	F/b-5	6.5	45.6	1300
					Coal	0.50	F/C-6	8.5	31.2	3400
					Shaly coal	0.10	F/b-6	8.1	42.6	750
					Coal	1.40	F/C-7	8.4	22.0	8400
					Floor – Grey shale					
					Roof – Shale					
	152.55	153.30	0.75	0.75	Band	0.23	G/b-1	5.0	57.6	2000
					Coal	0.13	G/C-1	7.5	32.4	700
					Band	0.13	G/b-2	6.0	49.3	850
					Coal, CB	0.16	G/C-2	7.7	28.6	750
					Shaly coal, CPB	0.10	G/b-3	6.0	45.5	650
					Floor – Carbonaceous shale					
					Roof – Grey shale					
	186.30	192.30	6.00	6.00	Band	0.12	H/b-1	5.5	52.5	1000
					Coal	0.42	H/C-1	8.3	21.7	2600

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Shaly coal	0.25	H/b-2	5.4	48.7	1800
					Coal	0.22	H/C-2	7.4	30.2	1550
					Band, CPB	0.10	H/b-3	5.4	56.7	750
					Coal	0.25	H/C-3	8.3	19.6	1400
					Band	0.15	H/b-4	5.6	50.8	1200
					Coal	0.12	H/C-4	7.7	30.4	850
					Shaly coal, CPB	0.12	H/b-5	6.3	44.2	750
					Coal	0.68	H/C-5	7.8	24.6	4500
					Shaly coal	0.12	H/b-6	6.6	40.0	800
					Coal	0.42	H/C-6	7.8	29.2	2700
					Shaly coal	0.28	H/b-7	6.8	40.4	2100
					Coal	0.21	H/C-7	7.7	29.0	1350
					Band	0.22	H/b-8	5.2	51.5	2000
					Coal	0.35	H/C-8	7.6	29.2	2250
					Band	0.13	H/b-9	5.5	49.8	1150
					Coal	0.82	H/C-9	8.4	27.1	5450
					Band	0.48	H/b-10	5.4	51.2	4100
					Coal	0.42	H/C-10	7.7	23.9	2500
					Sideritic shale	0.12	Not sampled			1100
					Floor – Siltstone					
					Roof – Grey shale					
	196.00	196.95	0.95	0.95	Coal	0.40	I/C-1	7.7	25.8	2450
					Shaly coal	0.18	I/b-1	5.9	49.1	1650
					Coal	0.27	I/C-2	8.3	30.1	1750
					Band	0.10	I/b-2	5.8	51.0	800
					Floor – Grey shale					
					Roof – Grey shale					
	197.85	198.85	1.00	1.00	Coal	0.46	J/C-1	8.4	20.2	2550
					Shaly coal	0.12	J/b-1	5.5	45.8	750

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
					Coal	0.21	J/C-2	8.1	21.3	1350
					Band	0.12	J/b-2	4.8	57.2	1000
					Coal	0.09	J/C-3	7.1	29.8	550
					Floor – Grey shale					
					Roof – Fine grained sandstone					
	199.95	201.90	1.95	1.95	Coal	0.18	K/C-1	7.3	27.0	1150
					Band	0.33	K/b-1	5.0	55.7	2700
					Coal	0.30	K/C-2	8.6	20.5	1750
					Band	0.12	K/b-2	5.2	55.6	1250
					Coal	0.89	K/C-3	8.3	22.1	5350
					Shaly coal	0.13	K/b-3	5.7	46.8	1000
					Floor – Fine grained sandstone					
					Roof – Fine grained sandstone					
	202.40	203.55	1.15	1.15	Band	0.12	L/b-1	5.6	50.7	1050
					Coal, CPB	0.40	L/C-1	8.1	27.9	2000
					Band, CPB	0.63	L/b-2	4.8	60.7	5100
					Floor – Grey shale					
					Roof – Grey shale					
	226.10	229.45	3.35	3.35	Coal	0.15	M/C-1	7.7	27.5	1000
					Shaly coal	0.13	M/b-1	5.9	48.4	1150
					Coal	1.77	M/C-2	8.2	25.5	12400
					Shaly coal	0.22	M/b-2	5.8	43.7	1500
					Coal	0.49	M/C-3	8.5	23.9	3300
					Shaly coal	0.32	M/b-3	6.7	39.7	2300
					Coal	0.27	M/C-4	8.0	27.7	1800
					Floor – Grey shale					
					Roof – Grey shale					
	281.05	297.20	16.15	16.15	Shaly coal	0.12	N/b-1	6.6	36.4	900
					Coal	0.75	N/C-1	8.0	21.0	4900

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
					Shaly coal	0.12	N/b-2	4.7	50.3	1000
					Coal	0.18	N/C-2	8.8	13.6	1200
					Band	0.22	N/b-3	3.7	63.1	2300
					Coal	1.00	N/C-3	7.5	15.5	5400
					Shaly coal	0.12	N/b-4	5.2	43.6	900
					Coal	2.06	N/C-4	7.9	15.0	12000
					Band	0.25	N/b-5	3.7	55.8	2200
					Coal	0.35	N/C-5	7.2	26.0	2200
					Shaly coal, CPB	0.10	N/b-6	5.2	39.6	650
					Coal	0.30	N/C-6	7.1	20.3	1700
					Shaly coal	0.11	N/b-7	6.4	31.0	700
					Coal	0.38	N/C-7	7.0	18.4	2350
					Shaly coal	0.10	N/b-8	5.6	34.5	700
					Coal	0.30	N/C-8	8.2	12.5	1800
					Shaly coal	0.07	N/b-9	5.7	36.5	550
					Coal	1.21	N/C-9	8.0	14.9	6950
					Shaly coal	0.08	N/b-10	5.5	43.8	650
					Coal	0.72	N/C-10	8.4	14.4	4350
					Shaly coal	0.16	N/b-11	5.5	35.4	1250
					Coal	0.20	N/C-11	8.3	11.2	1350
					Shaly coal	0.09	N/b-12	5.6	41.8	650
					Coal	0.18	N/C-12	7.5	22.3	1300
					Shaly coal	0.10	N/b-13	4.6	48.9	750
					Coal	0.14	N/C-13	6.7	31.1	1050
					Shaly coal	0.27	N/b-14	5.5	38.5	2050
					Coal	0.15	N/C-14	7.9	14.6	950
					Shaly coal	0.08	N/b-15	4.5	50.2	650
					Coal	1.57	N/C-15	7.8	19.1	9200
					Shaly coal	0.16	N/b-16	4.5	42.6	1150

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Coal	1.46	N/C-16	8.2	15.4	7600
					Shaly coal	0.12	N/b-17	5.8	37.4	950
					Coal	1.15	N/C-17	7.7	18.5	7000
					Shaly coal	0.10	N/b-18	5.0	41.4	800
					Coal	1.28	N/C-18	7.3	24.0	8000
					Shaly coal	0.15	N/b-19	5.2	41.5	1100
					Coal	0.20	N/C-19	6.8	28.9	1550
					Shaly coal	0.11	N/b-20	4.8	47.0	850
					Coal	0.84	N/C-20	7.7	16.1	5550
					Shaly coal	0.10	N/b-21	4.9	40.0	750
					Coal	0.55	N/C-21	7.3	25.5	3700
					Shaly coal	0.10	N/b-22	5.8	42.1	850
					Coal	0.70	N/C-22	6.9	27.8	4400
					Shaly coal	0.14	N/b-23	5.2	45.9	1050
					Coal	0.92	N/C-23	8.0	18.1	5600
					Shaly coal	0.25	N/b-24	5.5	41.8	1850
					Coal	2.37	N/C-24	7.9	21.3	16250
					Shaly coal	0.25	N/b-25	5.8	40.8	1750
					Coal	0.45	N/C-25	8.1	23.6	3200
					Shaly coal	0.20	N/b-26	5.8	40.6	1450
					Coal	1.90	N/C-26	7.9	20.0	13250
					Shaly coal, CPB	0.10	N/b-27	6.7	39.8	650
					Coal	2.28	N/C-27	8.7	13.9	13000
					Band	0.10	N/b-28	4.6	57.2	900
					Coal	0.56	N/C-28	7.9	20.8	3500
					Shaly coal	0.08	N/b-29	5.5	47.1	700
					Coal	0.50	N/C-29	7.8	19.0	2700
					Floor – Grey shale					
					Roof – Very coarse grained sandstone					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
	358.52	398.75	40.23	40.23	Coal, CPB	0.25	O/C-1	5.6	24.1	1350
					Shaly coal, CPB	0.12	O/b-1	4.8	40.6	700
					Coal, CB	0.20	O/C-2	6.5	19.6	900
					Band	0.20	O/b-2	3.4	54.6	1700
					Coal, CPB	0.18	O/C-3	5.6	23.0	900
					Shaly coal, CPB	0.12	O/b-3	4.5	34.6	900
					Coal	0.17	O/C-4	5.6	24.5	1100
					Shaly coal	0.15	O/b-4	4.6	37.4	1100
					Coal	0.26	O/C-5	5.3	23.9	1600
					Shaly coal	0.15	O/b-5	4.7	34.0	950
					Coal	0.62	O/C-6	5.7	19.7	3500
					Shaly coal	0.24	O/b-6	4.8	38.1	1700
					Coal	0.36	O/C-7	5.3	23.1	2300
					Shaly coal	0.27	O/b-7	4.6	37.3	1800
					Coal	0.32	O/C-8	5.3	25.2	2100
					Shaly coal	0.08	O/b-8	4.4	37.6	600
					Coal	0.12	O/C-9	5.9	15.1	650
					Coal, CPB	0.62	O/C-10	5.6	19.6	2500
					Shaly coal	0.24	O/b-9	3.9	48.2	1300
					Coal	0.12	O/C-11	6.1	18.0	650
					Shaly coal	0.13	O/b-10	4.6	41.4	550
					Coal	0.27	O/C-12	5.8	23.3	1600
					Shaly coal	0.08	O/b-11	5.0	35.6	500
					Coal	0.22	O/C-13	7.2	14.3	1000
					Shaly coal	0.16	O/b-12	4.9	32.4	800
					Coal, CPB	0.34	O/C-14	5.8	21.3	1800
					Shaly coal, CPB	0.11	O/b-13	4.4	38.7	500
					Coal	0.56	O/C-15	6.6	17.0	2200
					Shaly coal	0.25	O/b-14	3.8	44.7	1450

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
					Coal	0.12	O/C-16	4.8	25.1	500
					Shaly coal	0.10	O/b-15	4.8	43.5	550
					Coal	0.15	O/C-17	5.1	24.6	900
					Band	0.11	O/b-16	4.0	53.0	750
					Coal	0.26	O/C-18	6.4	17.2	1600
					Shaly coal	0.12	O/b-17	5.1	37.3	650
					Coal	0.18	O/C-19	6.3	20.4	950
					Shaly coal	0.15	O/b-18	4.4	39.4	800
					Coal	0.68	O/C-20	5.7	27.5	3700
					Shaly coal	0.20	O/b-19	4.1	42.2	1000
					Coal	0.42	O/C-21	6.0	24.0	2000
					Shaly coal, CPB	0.17	O/b-20	4.1	39.7	750
					Coal	0.28	O/C-22	5.1	32.6	1300
					Shaly coal	0.17	O/b-21	5.0	38.4	800
					Coal	0.36	O/C-23	6.0	16.5	1400
					Band	0.24	O/b-22	3.8	55.8	1400
					Coal	0.26	O/C-24	6.7	17.8	1200
					Band	0.30	O/b-23	3.8	52.1	1800
					Coal	1.37	O/C-25	6.1	21.4	5850
					Shaly coal	0.20	O/b-24	4.7	44.0	1000
					Coal	0.50	O/C-26	6.4	23.0	1950
					Shaly coal	0.20	O/b-25	4.8	41.5	1000
					Coal, CPB	1.24	O/C-27	6.3	20.6	3750
					Shaly coal, CPB	0.30	O/b-26	4.4	42.9	1150
					Coal	2.02	O/C-28	7.0	19.4	9150
					Shaly coal	0.32	O/b-27	4.6	48.7	1750
					Coal	0.26	O/C-29	7.2	25.5	1100
					Shaly coal	0.30	O/b-28	4.9	45.1	1550
					Coal, CPB	0.70	O/C-30	7.8	25.1	2200

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Shaly coal	0.25	O/b-29	4.2	45.8	1300
					Coal	2.40	O/C-31	6.3	23.0	10300
					Shaly coal, CPB	0.25	O/b-30	4.6	45.6	1150
					Coal	0.75	O/C-32	8.0	20.4	3700
					Band	0.18	O/b-31	3.6	53.3	1000
					Coal	1.20	O/C-33	7.1	21.2	5750
					Shaly coal	0.56	O/b-32	4.8	49.3	3150
					Coal	0.70	O/C-34	7.0	25.1	3350
					Shaly coal	0.25	O/b-33	4.8	40.0	1050
					Coal, CPB	1.22	O/C-35	6.8	22.1	5450
					Shaly coal	0.28	O/b-34	4.7	47.0	1750
					Coal	1.10	O/C-36	7.4	17.5	4900
					Shaly coal	0.38	O/b-35	5.0	36.1	1550
					Coal	1.04	O/C-37	6.2	21.4	5050
					Shaly coal, CPB	0.16	O/b-36	6.7	28.6	650
					Coal	0.43	O/C-38	6.8	20.4	2100
					Shaly coal	0.38	O/b-37	5.3	37.6	2000
					Coal	0.26	O/C-39	6.5	21.8	1300
					Shaly coal	0.12	O/b-38	4.8	36.7	650
					Coal	1.36	O/C-40	7.2	20.0	7050
					Band	0.15	O/b-39	4.3	54.3	900
					Coal, CPB	0.20	O/C-41	7.6	25.1	1000
					Shaly coal	0.13	O/b-40	4.8	43.3	750
					Coal	0.38	O/C-42	8.2	20.9	1900
					Band	0.18	O/b-41	4.2	53.2	1200
					Coal	0.25	O/C-43	7.4	19.2	1400
					Band	0.17	O/b-42	4.0	54.5	1050
					Coal	0.26	O/C-44	8.7	14.8	1200
					Shaly coal	0.16	O/b-43	4.8	44.6	800

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
					Coal	0.11	O/C-45	6.7	36.1	700
					Shaly coal	0.26	O/b-44	4.7	50.0	1200
					Coal	0.16	O/C-46	7.2	22.1	850
					Band	0.08	O/b-45	2.7	66.2	550
					Coal, CPB	0.28	O/C-47	8.7	16.1	1200
					Band	0.08	O/b-46	4.7	55.1	600
					Coal	0.15	O/C-48	7.4	24.8	800
					Shaly coal	0.48	O/b-47	5.0	45.3	2300
					Coal	0.25	O/C-49	6.5	28.2	1200
					Band	0.13	O/b-48	4.2	52.9	800
					Coal	0.25	O/C-50	7.7	25.5	1300
					Band	0.60	O/b-49	4.2	53.2	3600
					Coal	0.24	O/C-51	7.0	21.1	1500
					Shaly coal	0.72	O/b-50	4.9	48.1	3750
					Coal, CPB	0.16	O/C-52	6.4	27.1	700
					Band	0.15	O/b-51	4.2	53.5	900
					Coal	0.12	O/C-53	8.1	23.0	550
					Shaly coal	0.08	O/b-52	6.0	45.0	500
					Coal	0.30	O/C-54	7.9	15.0	1300
					Band	0.34	O/b-53	3.8	55.2	2400
					Coal	0.36	O/C-55	6.3	21.4	1650
					Shaly coal	0.12	O/b-54	4.3	50.0	650
					Coal, CPB	0.20	O/C-56	7.1	22.6	750
					Band	0.19	O/b-55	4.9	50.8	1050
					Coal	0.20	O/C-57	7.8	16.6	1050
					Band	0.38	O/b-56	4.6	50.8	2000
					Coal, CPB	0.10	O/C-58	6.8	21.8	450
					Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
AB - 8	RNC/92/BH-104									
					Roof - Grey shale					
	148.85	150.45	1.60	1.60	Band	0.45	A/b-1	8.0	50.1	5150
					Coal	0.17	A/C-1	9.6	32.3	1350
					Band, CB	0.98	A/b-2	8.8	46.3	8450
					Floor - Grey shale					
					Roof - Grey shale					
	316.80	321.50	4.70	4.70	Shaly coal	0.17	B/b-1	7.0	39.3	1400
					Coal	0.27	B/C-1	10.2	22.8	2250
					Shaly coal	0.30	B/b-2	9.0	38.0	2900
					Coal	0.68	B/C-2	10.5	24.2	6100
					Band	0.72	B/b-3	5.3	63.5	9100
					Coal	0.30	B/C-3	12.1	20.3	2400
					Band	0.17	B/b-4	7.8	49.4	1900
					Coal	1.34	B/C-4	11.4	21.0	10100
					Band	0.13	B/b-5	5.9	58.7	1550
					Sandy grey shale	0.11	Not sampled			1250
					Band	0.32	B/b-6	8.6	50.8	3550
					Coal	0.07	B/C-5	14.8	14.0	500
					Band	0.12	B/b-7	3.4	76.6	1500
					Floor - Very coarse grained sandstone					
					Roof - Grey shale					
	338.30	338.90	0.60	0.60	Band	0.21	C/b-1	6.7	51.0	2350
					Coal	0.39	C/C-1	10.9	20.6	3100
					Floor - Grey shale					
					Roof - Grey shale					
	340.80	341.40	0.60	0.60	Coal	0.09	D/C-1	9.3	25.4	750
					Shaly coal	0.17	D/b-1	7.0	44.0	2050
					Coal	0.34	D/C-2	10.3	19.5	2700

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Floor – Grey shale					
					Roof – Grey shale					
	345.90	347.20	1.30	1.30	Coal	1.20	E/C-1	10.4	19.8	10300
					Band	0.10	E/b-1	4.4	62.0	1250
					Floor – Grey shale					
					Roof – Grey shale					
	352.45	362.70	10.25	10.25	Coal	0.26	F/C-1	10.9	17.9	2550
					Band	0.15	F/b-1	6.4	54.5	1650
					Coal	0.95	F/C-2	10.7	20.6	8100
					Shaly coal	0.08	F/b-2	9.1	37.1	900
					Coal	0.25	F/C-3	10.9	18.5	2000
					Band	0.06	F/b-3	7.4	49.4	650
					Coal	1.33	F/C-4	10.2	19.6	11500
					Band	0.23	F/b-4	5.6	59.5	2500
					Coal	2.67	F/C-5	9.6	20.4	23000
					Shaly coal	0.11	F/b-5	6.8	45.5	1200
					Coal	2.34	F/C-6	9.0	25.2	19000
					Band	0.26	F/b-6	6.0	54.7	2750
					Coal	0.49	F/C-7	9.7	24.6	4850
					Band	0.17	F/b-7	6.2	51.5	1900
					Coal	0.90	F/C-8	10.6	16.1	6600
					Floor – Very coarse grained sandstone					
					Roof – Very coarse grained sandstone					
	365.00	365.65	0.65	0.65	Coal	0.35	G/C-1	9.5	23.0	3300
					Shaly coal	0.30	G/b-1	6.7	47.7	3500
					Floor – Medium grained sandstone					
					Roof – Grey shale					
	393.10	393.80	0.70	0.70	Coal, CPB	0.50	H/C-1	10.2	31.9	3600
					Band	0.20	H/b-1	7.0	52.2	2200

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
					Floor – Grey shale					
					Roof – Grey shale					
	406.40	408.40	2.00	2.00	Shaly coal, CPB	0.30	I/b-1	8.0	45.7	3000
					Coal, CPB	0.40	I/C-1	9.8	34.4	3000
					Band	0.46	I/b-2	6.8	57.9	6400
					Coal, CPB	0.23	I/C-2	10.2	32.1	2000
					Band	0.14	I/b-3	8.1	48.0	1550
					Coal, CB	0.24	I/C-3	10.5	28.0	1400
					Band	0.23	I/b-4	7.1	52.6	2400
					Floor – Grey shale					
					Roof – Grey shale					
	475.20	476.60	1.40	1.40	Shaly coal, CPB	0.20	J/b-1	8.6	41.1	1650
					Coal, CPB	0.24	J/C-1	10.2	24.7	1600
					Band	0.51	J/b-2	6.0	54.5	4650
					Coal, CPB	0.45	J/C-2	10.2	23.0	2800
					Floor – Grey shale					
					Roof – Grey shale					
	517.45	518.45	1.00	1.00	Shaly coal	0.17	K/b-1	9.7	32.3	2100
					Coal	0.69	K/C-1	9.5	26.7	6000
					Shaly coal	0.14	K/b-2	7.9	39.8	1500
					Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist		Ash
	From (m.)	To (m.)						%		%
AB - 9	RNC/92/BH-92									
					Roof – Carbonaceous shale					
	26.45	27.50	1.05	1.05	Coal	0.20	A/C-1	8.2	25.9	1000
					Band, CB	0.63	A/b-1	4.6	62.9	3900
					Coal	0.22	A/C-2	8.7	23.0	1000
					Floor – Fine grained sandstone					
					Roof – Grey shale					
	37.95	38.47	0.52	0.52	Band, CPB	0.15	B/b-1	5.9	50.5	900
					Coal, CB	0.37	B/C-1	7.2	24.7	1050
					Floor – Medium grained sandstone					
					Roof - Shale					
	48.45	49.05	0.60	0.60	Coal, CPB	0.50	C/C-1	8.9	19.8	2000
					Band	0.10	C/b-1	5.1	52.5	550
					Floor – Coarse grained sandstone					
					Roof – Grey shale					
	49.65	50.80	1.15	1.15	Coal	0.15	D/C-1	7.5	27.8	850
					Band	0.15	D/b-1	5.6	51.2	1200
					Coal	0.52	D/C-2	7.9	25.9	3000
					Band	0.13	D/b-2	5.6	53.0	1000
					Coal	0.20	D/C-3	8.6	23.9	1050
					Floor – Grey shale					
					Roof – Coarse grained sandstone					
	52.70	61.00	8.30	8.30	Coal	0.20	E/C-1	9.1	17.8	1050
					Band	0.25	E/b-1	4.1	62.3	2350
					Coal	0.14	E/C-2	9.4	15.3	750
					Band	0.69	E/b-2	4.8	58.7	6150
					Coal	0.20	E/C-3	8.5	21.0	1250
					Shaly coal	0.26	E/b-3	6.9	41.2	1750
					Coal, CPB	0.40	E/C-4	7.3	26.3	2250

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m)	Lithology		Moist %	Ash %		
	From (m.)	To (m.)								
					Shaly coal	0.12	E/b-4	5.8	47.5	850
					Coal	0.52	E/C-5	8.6	22.8	3500
					Band	0.23	E/b-5	3.8	63.1	1900
					Coal	0.17	E/C-6	6.9	32.1	1000
					Band	0.13	E/b-6	3.8	66.7	1100
					Coal	0.26	E/C-7	7.8	23.9	1550
					Grey shale	0.25	Not sampled			2500
					Coal, CPB	0.12	E/C-8	6.2	34.3	650
					Band	0.75	E/b-7	4.8	57.2	6100
					Coal, CPB	0.30	E/C-9	6.7	33.3	1250
					Band	0.21	E/b-8	4.0	64.0	2000
					Grey shale	0.12	Not sampled			1200
					Band	0.17	E/b-9	4.2	60.7	1650
					Coal	0.15	E/C-10	6.9	32.6	1100
					Band	0.12	E/b-10	5.2	50.0	950
					Coal	0.58	E/C-11	7.3	28.2	3950
					Shaly coal	0.12	E/b-11	6.1	44.0	900
					Coal	1.84	E/C-12	7.2	26.3	11200
					Floor – Shale					
					Roof – Coarse grained sandstone					
	76.60	82.45	5.85	5.70	Shaly coal	0.23	F/b-1	5.7	45.4	1500
					Coal, CPB	0.85	F/C-1	8.1	23.6	4300
					Shaly coal	0.20	F/b-2	6.4	42.3	1300
					Coal	0.44	F/C-2	8.0	27.7	2500
					Shaly coal, CPB	0.18	F/b-3	6.4	47.4	1000
					Coal	0.28	F/C-3	8.2	26.9	1650
					Shaly coal, CPB	0.32	F/b-4	6.0	46.1	2050
					Coal	0.17	F/C-4	8.3	27.6	950

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Moist %	Ash %		
	From (m.)	To (m.)								
					Shaly coal	0.31	F/b-5	6.1	48.1	1800
					Coal	0.95	F/C-5	8.6	27.1	5450
					Band	0.15	F/b-6	5.4	49.7	1150
					Coal	0.42	F/C-6	9.4	20.1	2300
					Band	0.55	F/b-7	4.5	59.2	4200
					Coal, CPB	0.25	F/C-7	7.9	28.9	1050
					Band, CPB	0.40	F/b-8	4.9	54.1	3000
					Floor – Grey shale					
					Roof – Very coarse grained sandstone					
	128.05	129.65	1.60	1.60	Band, CPB	0.13	G/b-1	5.5	50.0	800
					Coal, CPB	0.34	G/C-1	8.1	30.7	1800
					Band, CPB	0.18	G/b-2	5.8	52.2	1150
					Coal	0.15	G/C-2	8.3	28.4	900
					Band, CB	0.22	G/b-3	6.0	50.1	1550
					Coal, CPB	0.22	G/C-3	7.8	31.4	1050
					Band	0.09	G/b-4	5.9	52.1	650
					Coal, CPB	0.27	G/C-4	7.4	35.2	1400
					Floor – Fine grained sandstone					
					Roof – Grey shale					
	155.55	169.45	13.90	13.90	Coal & shaly coal, CB & mixed, cut at 1.60 sp. gr.	0.40				
					Float		H/C-1	8.1	22.5	1400
					Sink		H/b-1	5.2	44.0	550
					Coal	0.55	H/C-2	7.1	27.7	3200
					Shaly coal	0.15	H/b-2	5.9	46.0	1000
					Coal	0.38	H/C-3	8.4	23.9	2100
					Shaly coal	0.12	H/b-3	5.4	46.7	800
					Coal, CPB	0.40	H/C-4	8.5	23.2	2300
					Shaly coal, CPB	0.12	H/b-4	5.2	45.1	750

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Moist %	Ash %		
	From (m.)	To (m.)								
					Coal	0.15	H/C-5	8.7	23.2	850
					Shaly coal	0.09	H/b-5	8.1	33.8	600
					Coal	1.74	H/C-6	9.3	20.8	8900
					Shaly coal	0.10	H/b-6	6.9	37.6	600
					Coal	0.16	H/C-7	7.8	29.8	1050
					Shaly coal	0.10	H/b-7	7.0	42.1	600
					Coal	0.70	H/C-8	9.4	16.8	3700
					Shaly coal	0.13	H/b-8	7.9	40.2	800
					Coal	0.28	H/C-9	8.6	26.0	2900
					Shaly coal	0.12	H/b-9	6.0	43.0	800
					Coal, CPB	0.13	H/C-10	9.3	22.7	1400
					Shaly coal	0.20	H/b-10	6.4	40.2	1400
					Coal	0.68	H/C-11	6.9	31.4	4250
					Band	0.24	H/b-11	5.6	50.3	2000
					Coal	0.21	H/C-12	8.5	28.9	1300
					Shaly coal	0.63	H/b-12	7.1	44.7	4350
					Coal	0.23	H/C-13	7.4	22.7	1300
					Band	0.36	H/b-13	6.4	49.0	2800
					Coal	0.21	H/C-14	8.2	28.8	1300
					Shaly coal	0.10	H/b-14	7.3	39.4	600
					Coal, CPB	1.05	H/C-15	8.1	26.4	5900
					Shaly coal	0.12	H/b-15	7.4	44.1	800
					Coal	0.37	H/C-16	8.8	24.3	2100
					Shaly coal	0.40	H/b-16	7.7	42.3	2600
					Coal	0.18	H/C-17	9.0	22.4	1050
					Shaly coal	0.25	H/b-17	7.0	36.2	1550
					Coal, CB	0.58	H/C-18	9.1	27.6	2000
					Shaly coal, CPB	0.15	H/b-18	6.0	45.0	900
					Coal	0.35	H/C-19	9.1	28.0	2000
DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I.	AS ANALYSED BASIS			

B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
					Shaly coal, CPB	0.10	H/b-19	6.3	42.2	600
					Coal, CPB	1.20	H/C-20	9.0	27.3	4600
					Band	0.18	H/b-20	4.7	58.4	1550
					Coal	0.16	H/C-21	9.3	19.2	700
					Sideritic shale	0.13	Not sampled			1100
					Floor - Grey shale					
					Roof - Grey shale					
	170.05	174.35	4.30	4.30	Coal, CPB	0.13	I/C-1	7.3	29.2	700
					Coal & Carb.sh., CB & mixed cut at 1.60	0.35				
					Sp. Gr.					
					Float		I/C-2	7.9	24.0	1000
					Sink		I/b-1	5.0	50.5	550
					Shaly coal	0.45	I/b-2	5.7	45.2	3000
					Coal	0.13	I/C-3	8.0	29.6	750
					Shaly coal, CPB	0.40	I/b-3	6.5	42.1	2600
					Coal	0.37	I/C-4	10.2	22.2	1950
					Shaly coal	0.36	I/b-4	7.0	41.8	2250
					Coal, CPB	0.33	I/C-5	9.2	23.5	1650
					Shaly coal, CPB	0.79	I/b-5	6.8	43.6	4900
					Coal	0.32	I/C-6	8.7	27.0	1900
					Shaly coal, CPB	0.32	I/b-6	7.1	44.4	2050
					Coal, CPB	0.35	I/C-7	9.8	19.9	1550
					Floor - Grey shale					
					Roof - Shale					
	174.95	182.95	8.00	8.00	Coal, CPB	0.15	I/C-1	7.2	32.5	850
					Band	0.26	I/b-1	5.7	51.9	1900
					Coal	0.98	I/C-2	8.6	27.2	5750
					Band	0.18	I/b-2	6.5	50.4	1200
DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		

B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
					Coal	0.87	J/C-3	8.9	27.6	5150
					Shaly coal, CPB	0.12	J/b-3	7.4	45.6	650
					Coal	0.60	J/C-4	9.4	27.4	3550
					Band	0.22	J/b-4	6.1	53.9	1800
					Coal	1.13	J/C-5	10.5	20.2	6450
					Band	0.62	J/b-5	6.6	51.5	4600
					Coal	0.68	J/C-6	9.6	24.1	4700
					Shaly coal	0.15	J/b-6	7.7	41.6	1000
					Coal, CPB	0.28	J/C-7	8.0	27.2	1600
					Shaly coal	0.12	J/b-7	6.4	40.8	900
					Coal	0.56	J/C-8	8.0	27.7	3200
					Band	0.13	J/b-8	5.4	52.3	1000
					Coal	0.35	J/C-9	10.2	26.1	2200
					Band	0.18	J/b-9	4.8	56.5	1400
					Coal	0.18	J/C-10	7.7	24.0	1000
					Shaly coal	0.12	J/b-10	5.8	48.6	850
					Coal	0.12	J/C-11	7.8	27.7	600
					Floor – Shale					
					Roof – Grey shale					
	184.95	186.35	1.40	1.40	Coal	0.10	K/C-1	7.2	31.5	650
					Band, CPB	0.10	K/b-1	5.0	53.9	650
					Coal	0.19	K/C-2	8.2	29.8	1500
					Band	0.10	K/b-2	4.4	55.7	700
					Coal	0.65	K/C-3	8.9	20.8	3600
					Band	0.13	K/b-3	3.5	66.1	1000
					Coal	0.13	K/C-4	8.5	23.3	700
					Floor – Grey shale					
					Roof – Grey shale					
	193.35	194.85	1.50	1.50	Band	0.16	L/b-1	4.6	57.7	1600
DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		

B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
AB - 10	196.30	197.00	0.70	0.70	Coal	0.07	L/C-1	8.9	26.6	450
					Band	0.88	L/b-2	5.9	52.2	7000
					Coal	0.12	L/C-2	7.8	32.3	750
					Band	0.15	L/b-3	6.2	52.1	1300
					Coal	0.12	L/C-3	8.4	36.1	800
					Floor - Grey shale					
					Roof - Grey shale					
					Band	0.39	M/b-1	5.0	54.5	3000
					Coal	0.15	M/C-1	9.3	29.7	900
					Shaly coal	0.16	M/b-2	7.2	40.9	1200
	209.60	210.30	0.70	0.70	Floor - Debris flow deposit					
					Roof - Grey shale					
					Shaly coal	0.70	N/b-1	6.4	48.0	5800
					Floor - Grey shale					
	217.00	218.00	1.40	1.40	Roof - Grey shale					
					Band	1.40	O/b-1	6.1	52.9	10800
					Floor - Grey shale					
	28.40	29.05	0.65	0.65	Roof - Grey shale					
					Coal, CB	0.65	A/C-1	9.3	27.1	4000
					Floor - Grey shale					
	34.20	38.60	4.40	4.40	Roof - Grey shale					
					Coal	0.40	B/C-1	6.5	38.5	3000
					Band	0.30	B/b-1	5.7	50.2	1850
					Coal, CB	2.62	B/C-2	9.0	23.8	14000
					Shaly coal	0.12	B/b-2	6.4	48.4	750
					Coal, CB	0.96	B/C-3	7.9	30.4	5150
					Floor - Grey shale					

DETAILS SUPPLIED BY THE PARTY	DETAILS OBSERVED AT CSL	CFRI	AS ANALYSED BASIS
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B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
	41.40	48.90	7.50	7.50	Roof – Very coarse grained sandstone					
					Coal	1.61	C/C-1	8.0	27.9	9500
					Band	0.05	C/b-1	4.8	52.7	450
					Coal, CB	0.77	C/C-2	9.2	22.7	4650
					Shaly coal	0.16	C/b-2	8.1	41.9	1100
					Coal	0.45	C/C-3	9.8	20.5	2200
					Shaly coal	0.12	C/b-3	8.4	42.3	1050
					Coal	0.39	C/C-4	9.2	29.0	2050
					Shaly coal	0.08	C/b-4	8.0	40.8	650
					Coal	0.89	C/C-5	8.4	28.9	5100
					Shaly coal	0.20	C/b-5	7.7	43.6	1400
					Coal, CPB	0.32	C/C-6	8.4	33.3	2000
					Shaly coal	0.32	C/b-6	7.7	46.0	2300
					Coal	0.32	C/C-7	10.0	28.0	1750
					Shaly coal	0.08	C/b-7	9.0	41.7	650
					Coal, CB	0.99	C/C-8	9.7	18.5	4250
					Shaly coal, CPB	0.10	C/b-8	7.7	35.6	600
					Coal, CPB	0.65	C/C-9	10.8	17.7	2800
					Floor – Grey shale					
					Roof – Grey shale					
	50.90	51.50	0.60	0.60	Shaly coal	0.09	D/b-1	6.5	47.9	700
					Coal, CB	0.32	D/C-1	8.2	27.8	3500
					Shaly coal	0.19	D/b-2	6.0	47.9	1500
					Floor – Grey shale					
					Roof – Grey shale					
	63.80	64.55	0.75	0.75	Band	0.32	E/b-1	4.9	54.8	1850
					Coal	0.28	E/C-1	7.7	28.9	1300
					Band	0.15	E/b-2	4.2	60.0	1100
					Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY	DETAILS OBSERVED AT CSL	CFRI	AS ANALYSED BASIS
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B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
					Roof – Grey shale					
	86.40	93.00	6.60	6.60	Band	0.12	F/b-1	5.0	58.5	1100
					Coal	0.37	F/C-1	9.7	23.1	2300
					Band	0.18	F/b-2	5.8	52.6	1700
					Coal	0.72	F/C-2	8.2	27.1	5000
					Shaly coal	0.26	F/b-3	6.6	44.3	1700
					Coal, CPB	1.20	F/C-3	8.2	28.1	7900
					Shaly coal	0.26	F/b-4	7.5	42.3	1550
					Coal, CPB	0.44	F/C-4	7.5	32.7	2900
					Shaly coal	0.19	F/b-5	7.1	46.7	1550
					Coal	0.40	F/C-5	9.1	29.5	4000
					Shaly coal, CPB	0.12	F/b-6	6.4	46.4	900
					Coal	0.82	F/C-6	9.0	29.0	5500
					Band	0.16	F/b-7	5.7	51.8	1150
					Coal	0.23	F/C-7	9.9	30.3	1600
					Band	0.38	F/b-8	6.7	51.3	3500
					Coal	0.50	F/C-8	9.1	28.6	3200
					Sideritic shale	0.25	Not sampled			2200
					Floor – Medium grained sandstone					
					Roof – Grey shale					
	95.65	97.65	2.00	2.00	Coal	0.43	G/C-1	9.6	24.0	2700
					Band	0.24	G/b-1	5.5	51.2	1600
					Coal, CPB	0.27	G/C-2	8.9	20.6	1250
					Band, CPB	0.16	G/b-2	5.4	52.5	1000
					Coal, CPB	0.18	G/C-3	8.4	27.1	950
					Band, CPB	0.16	G/b-3	4.6	60.8	1500
					Coal, CPB	0.24	G/C-4	8.1	29.9	1450
					Shaly coal, CPB	0.16	G/b-4	6.0	48.5	1450
					Coal, CPB	0.16	G/C-5	8.6	27.1	800
DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		

B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
					Floor – Debris flow deposit					
					Roof – Medium grained sandstone					
	126.60	129.60	3.00	3.00	Coal	1.60	H/C-1	7.2	30.0	11000
					Shaly coal	0.19	H/b-1	5.8	46.2	1900
					Coal	0.78	H/C-2	8.5	26.3	4900
					Shaly coal	0.25	H/b-2	6.4	45.8	2200
					Coal	0.18	H/C-3	9.3	24.2	1900
					Floor – Grey shale					
					Roof – Siltstone					
	163.95	169.35	5.40	5.40	Shaly coal	0.22	I/b-1	6.4	42.1	2000
					Coal	0.92	I/C-1	7.0	26.0	5400
					Shaly coal	0.19	I/b-2	6.0	46.4	1100
					Coal	1.65	I/C-2	7.8	20.4	9500
					Shaly coal	0.33	I/b-3	6.3	42.4	2000
					Coal, CPB	1.90	I/C-3	7.7	25.0	9250
					Shaly coal	0.19	I/b-4	4.9	45.4	1200
					Floor – Grey shale					
					Roof – Grey shale					
	170.55	195.05	24.50	24.50	Coal	0.43	J/C-1	7.5	24.9	2550
					Shaly coal	0.40	J/b-1	5.2	45.8	2900
					Coal	0.95	J/C-2	7.4	28.1	6100
					Shaly coal	0.24	J/b-2	5.6	42.4	1700
					Coal	0.65	J/C-3	7.3	27.0	4050
					Band	0.26	J/b-3	4.9	51.6	2150
					Coal	1.40	J/C-4	7.2	27.3	8550
					Shaly coal	0.23	J/b-4	5.7	43.6	1600
					Coal	0.51	J/C-5	6.9	26.6	3150
					Shaly coal	0.15	J/b-5	6.1	40.1	1000
					Coal, CPB	0.46	J/C-6	7.3	24.4	2800

DETAILS SUPPLIED BY THE PARTY	DETAILS OBSERVED AT CSL	CFRI	AS ANALYSED BASIS
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B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
					Band	0.23	J/b-6	4.2	58.7	1900
					Coal	0.45	J/C-7	7.4	31.0	2900
					Shaly coal	0.22	J/b-7	5.2	47.7	1700
					Coal	0.52	J/C-8	8.3	26.3	3200
					Band	0.50	J/b-8	4.7	55.9	4200
					Coal	1.15	J/C-9	7.4	26.4	7150
					Shaly coal	0.14	J/b-9	5.2	47.1	1050
					Coal	0.50	J/C-10	9.8	18.6	2950
					Shaly coal	0.14	J/b-10	5.6	48.1	1100
					Coal	0.56	J/C-11	5.6	29.1	3450
					Shaly coal	0.17	J/b-11	4.9	42.9	1050
					Coal	0.12	J/C-12	5.5	29.4	800
					Shaly coal	0.15	J/b-12	5.6	38.7	1050
					Coal	0.42	J/C-13	6.1	30.1	2700
					Band	0.25	J/b-13	3.9	55.7	2200
					Coal	0.11	J/C-14	5.2	30.4	700
					Shaly coal	0.08	J/b-14	4.8	42.1	600
					Coal, CPB	0.83	J/C-15	5.7	27.8	5100
					Band	0.07	J/b-15	3.2	56.1	600
					Coal	0.43	J/C-16	5.8	26.5	2750
					Band	0.09	J/b-16	4.0	55.2	750
					Coal	0.18	J/C-17	6.9	24.4	1100
					Band	0.06	J/b-17	3.7	54.1	550
					Coal	1.13	J/C-18	6.4	26.3	7000
					Shaly coal	0.12	J/b-18	4.5	47.2	900
					Coal	0.17	J/C-19	7.1	26.2	1050
					Shaly coal	0.12	J/b-19	4.5	52.0	1000
					Coal	0.15	J/C-20	6.0	35.0	1000
					Shaly coal	0.28	J/b-20	5.2	41.6	2000

DETAILS SUPPLIED BY THE PARTY	DETAILS OBSERVED AT CSL	CFRI	AS ANALYSED BASIS
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B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
					Coal	0.54	J/C-21	6.7	26.6	3350
					Shaly coal	0.14	J/b-21	5.2	39.4	950
					Coal	0.22	J/C-22	7.3	28.1	1300
					Shaly coal	0.16	J/b-22	4.9	41.4	1100
					Coal	1.40	J/C-23	6.5	26.6	8700
					Shaly coal	0.18	J/b-123	4.4	47.4	1350
					Coal	0.14	J/C-24	6.4	32.9	850
					Shaly coal	0.12	J/b-24	5.1	41.9	850
					Coal	1.19	J/C-25	6.4	24.8	7000
					Band	0.10	J/b-25	4.4	50.2	800
					Coal	0.28	J/C-26	6.0	29.8	1900
					Shaly coal	0.19	J/b-26	3.9	50.3	1550
					Coal	0.28	J/C-27	5.6	30.2	1850
					Coal & shale, CB & mixed cut at 1.60 Sp. Gr.	0.37				
					Float		J/C-28	6.1	23.9	850
					Sink		J/b-27	4.1	51.0	1400
					Coal	0.26	J/C-29	5.1	31.1	1750
					Shaly coal	0.17	J/b-28	4.6	45.4	1250
					Coal	0.58	J/C-30	6.6	24.0	3400
					Shaly coal, CPB	0.11	J/b-29	4.6	44.6	650
					Coal	0.40	J/C-31	5.8	26.3	2450
					Shaly coal	0.20	J/b-30	4.3	39.8	1350
					Coal	0.55	J/C-32	6.2	26.5	3350
					Shaly coal	0.12	J/b-31	4.4	47.2	900
					Coal	0.38	J/C-33	6.1	29.1	2500
					Band	0.23	J/b-32	3.9	52.8	1900
					Coal	0.43	J/C-34	7.5	22.7	2600

DETAILS SUPPLIED BY THE PARTY	DETAILS OBSERVED AT CSL	CFRI	AS ANALYSED BASIS
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B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
AB - 11	204.55	205.35	0.80	0.80	Band	0.27	J/b-33	3.6	56.6	2250
					Coal	0.12	J/C-35	6.6	23.9	650
					Band	0.35	J/b-34	3.6	57.6	3050
					Floor - Grey shale					
					Roof - Very coarse grained sandstone					
	136.30	138.15	1.85	1.85	Band, CPB	0.80	K/b-1	3.0	64.5	6100
					Floor - Grey shale					
					Roof - Grey shale					
					Band	0.13	A/b-1	8.30	52.00	1050
					Coal, CPB	0.17	A/C-1	11.40	34.30	1000
	225.30	225.96	0.66	0.66	Band	0.68	A/b-2	8.90	55.20	5300
					Coal	0.13	A/C-2	12.40	29.60	650
					Band	0.74	A/b-3	8.90	56.70	5700
					Floor - Grey shale					
					Roof - Grey shale					
	237.35	238.10	0.75	0.75	Coal	0.38	B/C-1	10.70	31.70	2450
					Band	0.28	B/b-1	8.30	47.30	2450
					Floor - Grey shale					
					Roof - Grey shale					
					Coal	0.32	C/C-1	9.80	41.20	2100
	247.70	248.40	0.70	0.70	Band	0.43	C/b-1	8.30	49.20	3500
					Floor - Grey shale					
					Roof - Fine grained sandstone					
					Band	0.14	D/b-1	6.80	53.50	1350
					Coal	0.18	D/C-1	10.70	28.60	1350
					Shaly coal	0.10	D/b-2	7.30	46.80	800
					Coal	0.28	D/C-2	12.00	25.70	2250
					Floor - Grey shale					

DETAILS SUPPLIED BY THE PARTY	DETAILS OBSERVED AT CSL	CFRI	AS ANALYSED BASIS
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B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
					Roof – Grey shale					
	263.05	265.90	2.85	2.85	Coal, CPB	0.45	E/C-1	10.10	23.90	2400
					Shaly coal	0.12	E/b-1	6.50	45.10	850
					Coal	0.64	E/C-2	9.20	27.90	3800
					Band	0.78	E/b-2	4.90	67.30	7200
					Coal	0.14	E/C-3	12.40	12.10	850
					Shaly coal	0.12	E/b-3	6.70	43.50	850
					Coal	0.60	E/C-4	11.20	21.60	3500
					Floor – Grey shale					
					Roof – Grey shale					
	267.65	279.40	11.75	11.75	Shaly coal	0.25	F/b-1	6.40	48.00	1450
					Coal	0.18	F/C-1	10.10	24.80	1300
					Band	0.07	F/b-2	4.80	61.40	650
					Coal	0.87	F/C-2	11.90	15.40	6000
					Band	0.08	F/b-3	6.70	49.50	650
					Coal	0.25	F/C-3	12.10	18.80	1900
					Band	0.14	F/b-4	6.40	54.30	1100
					Coal	1.55	F/C-4	10.60	22.00	9200
					Band	0.08	F/b-5	5.20	63.00	800
					Coal	0.42	F/C-5	11.10	21.40	2600
					Shaly coal	0.10	F/b-6	6.70	48.00	650
					Coal	1.30	F/C-6	10.30	20.60	7800
					Band	0.08	F/b-7	5.10	65.40	700
					Coal	0.12	F/C-7	11.40	20.00	850
					Band	0.07	F/b-8	5.60	54.30	600
					Coal, CPB	4.28	F/C-8	10.60	21.40	24500
					Band	0.09	F/b-9	4.90	63.90	800
					Coal	0.24	F/C-9	10.20	30.10	1650
					Band	0.10	F/b-10	6.00	57.40	900

DETAILS SUPPLIED BY THE PARTY	DETAILS OBSERVED AT CSL	CFRI	AS ANALYSED BASIS
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B. H No.	Run		Thickness (m)	Recovery (m)	Lithology	Thickness (m)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m)	To (m)								
					Coal	0.12	F/C-10	11.30	26.50	800
					Band	0.11	F/b-11	6.00	53.40	900
					Coal	1.25	F/C-11	11.20	23.30	7250
					Floor – Grey shale					
					Roof – Grey shale					
	280.90	281.70	0.80	0.80	Band	0.12	G/b-1	5.40	57.90	1000
					Coal	0.52	G/C-1	10.70	25.40	3250
					Shaly coal	0.16	G/b-2	7.40	42.40	1200
					Floor – Grey shale					
					Roof – Grey shale					
	313.35	313.95	0.60	0.60	Shaly coal	0.10	H/b-1	8.80	44.20	750
					Coal	0.50	H/C-1	11.60	28.40	3100
					Floor – Grey shale					
					Roof – Grey shale					
	325.60	327.60	2.00	2.00	Shaly coal	0.14	I/b-1	8.40	42.30	1100
					Coal	0.20	I/C-1	11.20	30.60	1350
					Band	0.08	I/b-2	5.90	62.10	700
					Coal	0.18	I/C-2	10.90	33.60	1250
					Band	0.18	I/b-3	6.00	58.00	2250
					Coal	1.22	I/C-3	9.60	35.80	8900
					Floor – Grey shale					
					Roof – Grey shale					
	396.35	397.50	1.15	1.15	Band	0.20	J/b-1	3.80	54.70	1800
					Coal	0.19	J/C-1	8.10	18.40	1300
					Shaly coal	0.42	J/b-2	5.00	43.60	2700
					Coal	0.16	J/C-2	7.30	26.60	1000
					Shaly coal	0.18	J/b-3	4.70	46.70	1250
					Floor – Very coarse grained sandstone					

DETAILS SUPPLIED BY THE PARTY	DETAILS OBSERVED AT CSL	CFRI	AS ANALYSED BASIS
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B. H No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)	Sample No.	Moist %	Ash %	WEIGHT (Grms.)
	From (m.)	To (m.)								
433.35	434.05	0.70	0.70	Roof – Grey shale						
				Coal	0.28	K/C-1	5.80	30.20	1800	
				Band	0.13	K/b-1	4.00	57.50	1000	
				Coal	0.29	K/C-2	7.80	20.90	1750	
				Floor – Grey shale						
436.40	438.25	1.85	1.85	Roof – Debris flows						
				Coal	0.23	L/C-1	7.80	24.60	1250	
				Shaly coal	0.17	L/b-1	4.60	50.40	1500	
				Coal	0.44	L/C-2	6.80	28.70	3000	
				Band	0.17	L/b-2	3.90	58.40	1300	
				Coal	0.20	L/C-3	6.10	30.30	1650	
				Band	0.25	L/b-3	3.40	63.00	2050	
				Coal	0.39	L/C-4	6.30	32.40	3200	
				Floor – Grey shale						
				453.40	457.25	3.85	3.85	Roof – Grey shale		
Coal	0.17	M/C-1	7.10					21.80	1000	
Band	0.14	M/b-1	3.60					63.40	1350	
Coal, CPB	0.09	M/C-2	4.80					37.50	650	
Shaly coal	0.27	M/b-2	4.50					47.40	2200	
Coal	0.90	M/C-3	7.00					26.60	5500	
Band	0.33	M/b-3	4.90					51.40	2800	
Coal	0.26	M/C-4	7.20					28.30	1700	
Shaly coal	0.21	M/b-4	6.20					39.80	1400	
Coal	0.22	M/C-5	7.80					28.70	1400	
Band	0.45	M/b-5	4.90					57.20	4000	
Coal	0.25	M/C-6	7.10					22.50	1400	
Band	0.25	M/b-6	3.80					53.30	2200	
Coal	0.31	M/C-7	7.10					22.60	1900	
Floor – Medium grained sandstone										

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT
B. H	Run	Thickness	Recovery	Lithology	Thickness		Moist	Ash	

No.	From (m.)	To (m.)	(m.)	(m.)		(m.)		%	%	(Grms.)
					Roof – Grey shale					
	463.90	465.50	1.60	1.60	Band	0.53	N/b-1	4.10	58.30	4500
					Coal	0.37	N/C-1	6.20	27.70	2200
					Band	0.53	N/b-2	4.50	51.00	4050
					Coal, CPB	0.17	N/C-2	7.90	22.40	900
					Floor – Grey shale					
					Roof – Grey shale					
	466.80	476.60	9.80	9.80	Band	0.10	O/b-1	5.20	55.20	800
					Coal	0.22	O/C-1	8.60	18.10	1300
					Band	0.47	O/b-2	3.20	67.90	3950
					Coal	0.19	O/C-2	8.10	20.30	1100
					Band	0.16	O/b-3	4.20	56.50	1350
					Coal	0.29	O/C-3	7.20	25.40	1000
					Band	1.67	O/b-4	5.00	56.40	13400
					Coal	0.13	O/C-4	8.80	25.50	850
					Shaly coal	0.27	O/b-5	6.10	44.00	2050
					Coal	0.18	O/C-5	8.00	26.60	1100
					Shaly coal	0.11	O/b-6	5.70	46.40	900
					Coal	0.18	O/C-6	7.70	25.00	1050
					Shaly coal	0.90	O/b-7	5.00	49.10	7100
					Coal	0.18	O/C-7	7.80	25.40	1100
					Shaly coal	1.17	O/b-8	6.10	45.70	9000
					Coal	0.23	O/C-8	7.90	28.20	1500
					Shaly coal	0.50	O/b-9	6.30	48.80	1050
					Coal	0.38	O/C-9	6.40	31.10	2850
					Shaly coal	0.57	O/b-10	5.60	42.60	4300
					Coal	0.18	O/C-10	7.10	23.40	1100
					Band	0.17	O/b-11	4.40	55.90	1450
					Coal	0.27	O/C-11	8.30	21.10	1700
DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I.	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash		

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms)
					Band	1.28	O/b-12	5.10	52.80	10500
					Floor – Grey shale					
					Roof – Very fine grained sandstone					
	480.25	482.05	1.80	1.80	Band	0.48	P/b-1	4.20	57.00	3750
					Coal	0.23	P/C-1	6.70	28.20	1250
					Shaly coal	0.21	P/b-2	5.00	47.00	1550
					Coal	0.08	P/C-2	6.10	31.30	650
					Band CPB	0.23	P/b-2	4.40	56.40	1750
					Coal, CPB	0.15	P/C-3	6.90	37.40	800
					Band	0.22	P/b-4	2.90	68.30	2100
					Coal	0.20	P/C-4	6.50	28.40	1200
					Floor – Grey shale					
					Roof – Medium grained sandstone					
	525.85	526.75	0.90	0.90	Coal, CPB	0.49	Q/C-1	4.20	25.60	2600
					Band	0.24	Q/b-1	2.90	57.30	1750
					Coal, CPB	0.17	Q/C-2	4.40	19.70	650
					Floor – Grey shale					
					Roof – Medium grained sandstone					
	535.50	536.60	1.10	1.10	Coal	0.95	R/C-1	4.80	28.60	5600
					Shaly coal	0.15	R/b-1	3.30	51.00	900
					Floor – Grey shale					
					Roof – Medium grained sandstone					
	536.85	537.95	1.10	1.10	Band	0.20	S/b-1	2.30	62.80	1850
					Coal	0.22	S/C-1	4.80	28.50	1350
					Shaly coal	0.18	S/b-2	3.10	51.60	1200
					Coal, CPB	0.23	S/C-2	4.80	29.20	1350
					Band	0.10	S/b-3	3.20	54.60	800
					Coal	0.17	S/C-3	3.80	37.60	1150
					Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m.)	To (m.)	(m.)	(m.)		(m.)		%	%	(Grms.)
AB – 12	560.70	561.50	0.80	0.80	Roof – Grey shale					
					Coal	0.40	T/C-1	4.80	25.00	2300
					Shaly coal	0.40	T/b-1	3.60	51.00	3350
					Floor – Grey shale					
					RNC/93/BH-34					
	14.35	16.15	1.80	1.80	Roof – Grey shale					
					Shaly coal	0.12	A/b-1	5.4	48.1	850
					Coal, CB	1.17	A/C-1	6.4	32.4	5150
					Shaly coal	0.15	A/b-2	5.1	47.2	1050
					Coal, CPB	0.36	A/C-2	7.5	22.3	1400
	39.80	40.80	1.00	1.00	Floor – Grey shale					
					Roof – Grey shale					
					Band	0.11	B/b-1	5.8	52.2	800
					Coal	0.41	B/C-1	6.5	36.0	1850
					Band	0.25	B/b-2	5.0	52.8	1850
	47.70	48.70	1.00	1.00	Sandy grey shale	0.23	Not sampled			2000
					Floor – Grey shale					
					Roof – Grey shale					
					Band	0.70	C/b-1	3.9	58.1	4900
					Coal, CPB	0.30	C/C-1	6.9	27.8	1150
50.70	52.30	1.60	1.60	Floor – Grey shale						
				Roof – Carbonaceous shale						
				Band	0.28	D/b-1	4.9	52.8	1900	
				Coal	0.38	D/C-1	5.3	38.4	1900	
				Band	0.74	D/b-2	4.2	59.3	5350	
53.05	55.95	2.90	2.90	Coal, CPB	0.20	D/C-2	6.7	33.3	750	
				Floor – Grey shale						
				Roof – Carbonaceous shale						
				Band, CPB	0.15	E/b-1	3.6	64.8	850	
DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I.	AS ANALYSED BASIS		WEIGHT
B. H	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash		

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms.)
					Coal, CPB	0.55	E/C-1	6.3	35.8	1900
					Band, CPB	0.13	E/b-2	4.8	56.4	750
					Coal	0.43	E/C-2	6.1	35.4	2200
					Band	0.25	E/b-3	4.7	56.1	1750
					Coal, CPB	1.19	E/C-3	6.6	33.8	6100
					Band	0.20	E/b-4	3.0	70.6	1750
					Floor – Medium grained sandstone					
					Roof – Medium grained sandstone					
	56.85	58.05	1.20	1.20	Coal	0.26	F/C-1	6.5	35.5	1350
					Band	0.12	F/b-1	5.2	50.3	900
					Coal	0.12	F/C-2	7.0	31.7	700
					Band	0.18	F/b-2	5.6	50.9	1600
					Coal, CPB	0.31	F/C-3	8.4	28.1	1750
					Shaly Coal	0.07	F/b-3	5.0	48.6	550
					Coal, CB	0.14	F/C-4	9.2	12.4	450
					Floor – Grey shale					
					Roof – Grey shale					
	69.20	69.95	0.75	0.75	Coal, CB	0.15	G/C-1	6.7	34.3	1000
					Band, CB	0.07	G/b-1	3.6	60.0	550
					Coal	0.08	G/C-2	7.5	35.8	500
					Shaly coal	0.10	G/b-2	5.5	48.0	750
					Coal	0.25	G/C-3	8.2	30.2	1650
					Band	0.10	G/b-3	5.2	56.2	850
					Floor – Grey shale					
					Roof – Grey shale					
	71.35	72.30	0.95	0.95	Shaly coal	0.17	H/b-1	6.4	48.3	1200
					Coal, CPB	0.18	H/C-1	8.1	34.2	900
					Band, CPB	0.6	H/b-2	4.4	60.2	3350
					Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms.)
Roof – Grey shale										
72.60	73.90	1.30	1.30	Coal	0.24	I/C-1	6.8	37.9	1600	
				Shaly coal	0.12	I/b-1	4.8	49.8	900	
				Coal	0.49	I/C-2	7.9	31.2	3350	
				Shaly coal	0.15	I/b-2	5.2	48.6	1050	
				Coal	0.18	I/C-3	6.1	39.0	1000	
				Shaly coal, CPB	0.12	I/b-3	4.8	49.0	800	
Floor – Grey shale										
Roof – Grey shale										
81.70	82.30	0.60	0.60	Band	0.10	J/b-1	3.8	51.5	800	
				Coal	0.16	J/C-1	6.7	31.8	1050	
				Band	0.12	J/b-2	3.1	64.6	1050	
				Coal	0.22	J/C-2	5.3	32.8	1300	
Floor – Grey shale										
Roof – Grey shale										
86.85	88.45	1.60	1.60	Sideritic shale	0.08	Not sampled			750	
				Coal	0.36	K/C-1	6.2	30.4	2400	
				Band	0.18	K/b-1	4.1	54.7	1350	
				Coal	0.24	K/C-2	6.8	21.8	1400	
				Shaly coal	0.12	K/b-2	4.9	49.5	1000	
				Coal	0.42	K/C-3	6.4	29.0	2900	
				Band	0.20	K/b-3	4.1	53.6	1600	
Floor – Grey shale										
Roof – Grey shale										
89.05	91.55	2.50	2.50	Coal	0.18	L/C-1	5.6	32.4	1100	
				Shaly coal	0.14	L/b-1	4.8	47.1	1000	
				Coal	1.06	L/C-2	5.9	29.5	6800	
				Band	0.25	L/b-2	3.9	59.8	2100	
				Coal	0.13	L/C-3	5.7	29.0	800	
DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I.	AS ANALYSED BASIS		WEIGHT	
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash		

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms.)
					Band	0.16	L/b-3	3.3	62.8	1450
					Coal	0.12	L/C-4	5.5	35.3	800
					Band	0.24	L/b-4	4.3	54.6	1900
					Coal	0.22	L/C-5	5.7	29.7	1800
					Floor – Grey sandy shale					
					Roof – Carbonaceous shale					
	93.10	94.10	1.00	0.30	Coal, CPB	0.30	M/C-1	7.2	18.2	1200
					Floor – Grey shale					
					Roof – Coarse grained sandstone					
	122.05	158.60	36.55	36.55	Coal	0.20	N/C-1	7.1	24.1	1350
					Shaly coal	0.18	N/b-1	5.2	43.4	1300
					Coal	0.22	N/C-2	5.5	31.0	1450
					Band	0.33	N/b-2	4.9	54.3	2850
					Coal, CPB	1.96	N/C-3	6.4	26.8	11100
					Band	0.22	N/b-3	5.0	54.0	1900
					Coal	0.27	N/C-4	6.2	28.4	1650
					Band	0.33	N/b-4	3.3	69.6	2500
					Coal	1.12	N/C-5	7.4	24.7	6800
					Band	0.21	N/b-5	4.5	51.7	1750
					Coal	0.48	N/C-6	6.7	26.6	2950
					Band	0.12	N/b-6	3.0	71.6	1100
					Coal	0.36	N/C-7	6.7	29.1	2350
					Band	0.22	N/b-7	3.7	62.3	2000
					Coal	0.50	N/C-8	7.0	29.4	3200
					Band	0.13	N/b-8	4.1	57.3	1000
					Coal	0.40	N/C-9	8.1	14.4	2300
					Shaly coal	0.25	N/b-9	5.2	47.0	1600
					Coal	0.10	N/C-10	7.8	21.8	550
					Shaly coal	0.28	N/b-10	5.0	49.0	2150

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m.)	To (m.)	(m.)	(m.)		(m.)		%	%	(Grms.)
					Coal	0.33	N/C-11	7.4	22.5	1900
					Band	0.09	N/b-11	3.8	60.8	750
					Coal	0.30	N/C-12	6.9	26.5	2050
					Band	0.26	N/b-12	4.2	55.0	2150
					Coal	0.92	N/C-13	6.6	27.7	5600
					Shaly coal	0.13	N/b-13	3.9	49.4	1050
					Coal	0.38	N/C-14	7.8	21.6	2200
					Band	0.10	N/b-14	3.5	58.5	800
					Coal	0.38	N/C-15	7.9	20.2	2350
					Shaly coal	0.14	N/b-15	3.5	48.8	1000
					Coal	0.24	N/C-16	6.4	26.8	1450
					Shaly coal	0.19	N/b-16	5.2	42.7	1250
					Coal	0.44	N/C-17	6.1	27.3	2600
					Band	0.11	N/b-17	3.9	56.9	900
					Coal	0.39	N/C-18	6.1	28.6	2400
					Band	0.12	N/b-18	2.6	71.0	1100
					Coal	0.30	N/C-19	5.5	33.5	2000
					Shaly coal	0.17	N/b-19	4.8	50.0	1150
					Coal	0.16	N/C-20	7.2	24.7	1050
					Band	0.14	N/b-20	3.5	55.0	1050
					Coal	0.28	N/C-21	7.3	21.6	1750
					Shaly coal	0.11	N/b-21	4.4	49.1	700
					Coal	0.67	N/C-22	7.5	22.6	4150
					Band	0.18	N/b-22	2.8	73.3	1650
					Coal	0.78	N/C-23	6.6	26.3	5200
					Sideritic shale, CPB	0.10	Not sampled			600
					Coal	0.30	N/C-24	7.0	18.8	1800
					Band	0.28	N/b-23	3.0	67.9	2300
					Coal	0.10	N/C-25	6.9	28.2	600

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m.)	To (m.)	(m.)	(m.)		(m.)		%	%	(Grms.)
					Band	0.11	N/b-24	3.1	63.8	900
					Coal	0.12	N/C-26	4.9	29.9	650
					Band	0.18	N/b-25	3.2	67.5	1550
					Coal	0.30	N/C-27	7.7	24.0	1700
					Band	0.18	N/b-26	3.8	64.8	1550
					Coal, CPB	1.26	N/C-28	8.0	29.3	7300
					Band	0.78	N/b-27	3.9	64.8	6700
					Coal	0.30	N/C-29	6.6	35.2	2050
					Band	0.24	N/b-28	5.0	53.3	1950
					Coal, CPB	0.58	N/C-30	9.4	20.3	3100
					Band, CPB	0.53	N/b-29	4.8	51.9	4250
					Coal, CPB	0.85	N/C-31	6.9	35.2	5100
					Band	0.38	N/b-30	5.7	49.9	3150
					Coal	0.49	N/C-32	7.6	31.2	3200
					Shaly coal	0.13	N/b-31	5.8	46.0	950
					Sideritic shale	0.14	Not sampled			1450
					Shaly coal, CPB	0.23	N/b-32	5.0	47.7	1550
					Coal, CPB	0.25	N/C-33	6.5	32.9	1550
					Band, CPB	0.26	N/b-33	4.0	53.6	1850
					Coal	0.40	N/C-34	9.1	21.0	2300
					Band	0.22	N/b-34	5.3	52.2	1850
					Coal	0.38	N/C-35	8.5	26.2	2350
					Sideritic shale	0.15	Not sampled			1900
					Coal, CPB	0.85	N/C-36	9.3	26.4	5100
					Band	0.16	N/b-35	5.0	53.2	1400
					Coal	0.10	N/C-37	6.8	30.0	600
					Shaly coal	0.10	N/b-36	6.0	46.7	700
					Coal	0.23	N/C-38	6.2	31.8	1550

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m.)	To (m.)	(m.)	(m.)		(m.)		%	%	(Grms.)
					Shaly coal	0.08	N/b-37	4.7	47.5	650
					Coal	0.25	N/C-39	6.7	25.1	1600
					Band	0.15	N/b-38	3.2	65.0	1450
					Coal	0.52	N/C-40	6.8	26.7	3200
					Band	0.17	N/b-39	3.1	65.2	1600
					Coal	0.46	N/C-41	7.0	24.9	3050
					Band	0.43	N/b-40	3.4	61.6	3900
					Coal	0.22	N/C-42	8.1	19.1	1150
					Band	0.22	N/b-41	3.9	58.5	2200
					Coal	0.21	N/C-43	5.6	35.6	1400
					Shaly coal	0.30	N/b-42	5.6	42.4	2100
					Coal	0.11	N/C-44	7.2	33.0	700
					Band	0.34	N/b-43	5.3	50.8	2850
					Coal	0.45	N/C-45	8.2	23.6	2750
					Band	0.50	N/b-44	4.2	61.4	4500
					Coal	0.22	N/C-46	8.0	34.2	1550
					Band	0.34	N/b-45	5.4	52.6	2900
					Coal	0.34	N/C-47	9.1	24.3	2100
					Shaly coal, CPB	0.20	N/b-46	5.8	44.4	1300
					Coal, CPB	0.13	N/C-48	7.2	29.0	650
					Band	0.14	N/b-47	4.7	53.5	1250
					Coal	0.35	N/C-49	8.0	25.8	2200
					Band	0.22	N/b-48	3.6	61.8	2000
					Coal	0.62	N/C-50	8.4	20.0	3650
					Band	0.20	N/b-49	3.8	53.2	1750
					Coal, CPB	0.92	N/C-51	7.2	22.6	5350
					Band	0.14	N/b-50	5.0	50.3	1300
					Coal	0.60	N/C-52	7.8	21.2	3550
					Band	0.32	N/b-51	4.6	54.0	2700
					Coal, CPB	1.38	N/C-53	6.2	25.4	8200

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I.	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms)
					Shaly coal	0.15	N/b-52	4.5	46.6	1100
					Floor – Grey shale					
					Roof – Grey shale					
	168.75	169.65	0.90	0.90	Band	0.13	O/b-1	3.4	59.1	1150
					Coal	0.77	O/C-1	7.1	20.6	5000
					Floor – Carbonaceous shale					
					Roof – Carbonaceous shale					
	182.20	183.60	1.40	1.40	Coal, CPB	1.20	P/C-1	6.2	23.8	5500
					Shaly coal	0.20	P/b-1	4.3	45.7	1250
					Floor – Grey shale					
					Roof – Carbonaceous shale					
	190.00	191.20	1.20	1.20	Coal	0.80	Q/C-1	7.2	24.7	4400
					Shaly coal	0.40	Q/b-1	6.4	40.5	2500
					Floor – Carbonaceous shale					
					Roof – Grey shale					
	194.65	196.15	1.50	1.50	Band	0.18	R/b-1	3.4	66.7	1400
					Coal	0.26	R/C-1	7.8	27.1	1650
					Shaly coal	0.28	R/b-2	6.0	41.8	2000
					Coal	0.40	R/C-2	7.4	30.8	2450
					Band	0.26	R/b-3	4.8	50.5	2350
					Coal	0.12	R/C-3	6.6	29.7	750
					Floor – Grey shale					
					Roof – Grey shale					
	197.05	198.30	1.25	1.25	Band	0.16	S/b-1	4.3	60.0	1350
					Coal	0.17	S/C-1	8.3	25.7	1150
					Band	0.23	S/b-2	3.3	64.2	2050
					Coal	0.69	S/C-2	7.1	23.5	3950
					Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms.)
					Roof – Carbonaceous shale					
	218.30	219.65	1.35	1.35	Coal	0.12	T/C-1	7.9	20.5	700
					Band	0.30	T/b-1	3.5	62.8	2800
					Coal	0.20	T/C-2	7.8	19.8	1200
					Band	0.10	T/b-2	3.8	56.1	850
					Coal, CPB	0.24	T/C-3	7.2	19.6	1400
					Shaly coal	0.31	T/b-3	5.1	49.3	2200
					Coal	0.08	T/C-4	7.8	29.2	550
					Floor – Grey shale					
					Roof – Carbonaceous shale					
	223.25	224.00	0.75	0.75	Shaly coal	0.18	U/b-1	7.2	46.1	1250
					Band	0.09	U/b-2	3.0	68.1	1000
					Coal, CPB	0.30	U/C-1	8.6	29.8	1900
					Band	0.18	U/b-3	6.2	49.2	1550
					Floor – Carbonaceous shale					
					Roof – Carbonaceous medium grained sandstone					
	236.65	237.35	0.70	0.70	Shaly coal	0.11	V/b-1	7.1	43.8	850
					Coal	0.15	V/C-1	6.7	32.6	1050
					Band	0.44	V/b-2	4.4	57.7	4200
					Floor – Grey shale					
					Roof – Grey shale					
	248.69	250.31	1.62	1.62	Band	0.13	W/b-1	4.1	51.2	1000
					Coal	0.15	W/C-1	4.6	38.5	850
					Shaly coal, CB	0.42	W/b-2	5.3	48.1	2800
					Sideritic shale	0.08	Not sampled			600
					Coal, CPB	0.35	W/C-2	6.8	30.5	2000
					Band	0.18	W/b-3	4.0	58.1	1500
					Coal, CPB	0.31	W/C-3	6.8	22.9	1500

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms.)
					Floor – Grey shale					
					Roof – Grey shale/Sandstone					
	254.83	255.78	0.95	0.95	Band	0.25	X/b-1	3.7	60.0	2250
					Coal, CPB	0.54	X/C-1	4.9	37.9	2900
					Band	0.16	X/b-2	4.6	50.9	1100
					Floor – Grey shale					
					Roof – Grey silty shale					
	256.58	257.08	0.50	0.50	Coal, CPB	0.25	Y/C-1	4.4	36.8	1050
					Band, CPB	0.25	Y/b-1	3.9	57.1	1800
					Floor – Grey sandy shale					
					Roof – Light grey shale					
	266.65	268.55	1.90	1.90	Coal, CPB	0.20	Z/C-1	6.3	31.7	1000
					Band	0.32	Z/b-1	4.4	53.9	2750
					Coal, CPB	0.16	Z/C-2	5.5	33.6	850
					Band	0.54	Z/b-2	4.3	56.0	4750
					Coal, CPB	0.50	Z/C-3	6.8	28.8	2600
					Band	0.18	Z/b-3	3.6	56.4	1450
					Floor – Grey shale					
					Roof – Light grey shale					
	273.95	281.45	7.50	7.50	Shaly coal, CPB	0.22	AA/b-1	4.6	48.9	1000
					Coal, CB	0.87	AA/C-1	6.7	25.3	4400
					Band, CPB	0.50	AA/b-2	4.0	56.4	3450
					Coal, CPB	0.50	AA/C-2	6.4	26.6	2700
					Band	0.48	AA/b-3	3.9	59.2	3250
					Coal	0.36	AA/C-3	6.2	31.4	2300
					Sideritic shale	0.35	Not sampled			3100
					Coal, CPB	0.10	AA/C-4	5.2	35.3	550
					Shaly coal, CPB	0.22	AA/b-4	5.1	43.6	1400
					Coal, CB	0.25	AA/C-5	6.7	32.6	1200
DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H	Run	Thickness	Recovery	Lithology	Thickness	Sample No.		Moist	Ash	

No.	From (m.)	To (m.)	(m.)	(m.)		(m.)		%	%	(Grms.)
					Band	0.58	AA/b-5	3.9	57.6	5000
					Coal, CPB	0.37	AA/C-6	8.6	22.4	1750
					Shaly coal	0.18	AA/b-6	5.0	40.7	1200
					Coal	0.14	AA/C-7	8.5	17.9	800
					Band	0.21	AA/b-7	4.7	52.7	1800
					Coal, CPB	0.36	AA/C-8	7.5	24.6	1800
					Shaly coal	0.78	AA/b-8	4.7	47.4	4700
					Coal, CPB	0.43	AA/C-9	5.9	28.1	2100
					Band, CPB	0.22	AA/b-9	4.7	50.0	1400
					Coal, CB	0.38	AA/C-10	6.1	35.0	1300
					Floor – Grey shale					
					Roof – Grey shale					
	281.90	285.50	3.60	3.60	Coal, CPB	0.40	BB/C-1	6.7	24.6	1900
					Band	0.17	BB/b-1	4.6	51.7	1400
					Coal, CPB	0.28	BB/C-2	6.4	27.7	1600
					Shaly coal	0.31	BB/b-2	5.0	44.1	2200
					Coal, CPB	0.43	BB/C-3	6.4	30.9	2600
					Band, CPB	0.30	BB/b-3	4.6	51.8	1800
					Coal, CPB	0.17	BB/C-4	6.3	31.7	1000
					Band, CPB	0.20	BB/b-4	3.9	55.7	1500
					Coal, CPB	0.15	BB/C-5	6.7	24.2	800
					Shaly coal	0.22	BB/b-5	4.5	49.9	1750
					Coal, CPB	0.45	BB/C-6	6.5	22.1	2400
					Shaly coal, CPB	0.24	BB/b-6	4.6	45.0	1200
					Coal, CPB	0.28	BB/C-7	6.2	18.4	900
					Floor – Grey shale					
					Roof – Grey shale					
	318.32	318.85	0.53	0.53	Coal	0.18	CC/C-1	6.4	31.4	900
					Shaly coal	0.35	CC/b-1	4.6	50.2	2000
					Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms.)
					Roof – Grey shale					
	337.05	338.05	1.00	1.00	Shaly coal, CPB	0.43	DD/b-1	5.0	47.7	1800
					Coal, CPB	0.20	DD/C-1	6.1	38.0	750
					Band	0.37	DD/b-2	3.6	60.4	2100
					Floor – Grey shale					
					Roof – Grey shale					
	338.55	339.55	1.00	1.00	Band	0.43	EE/b-1	4.4	54.0	2250
					Coal, CPB	0.35	EE/C-1	6.8	30.3	1200
					Shaly coal	0.22	EE/b-2	4.8	50.2	800
					Floor – Grey shale					
					Roof – Grey shale					
	340.05	341.95	1.90	1.90	Coal	0.28	FF/C-1	7.4	24.5	1150
					Shaly coal	0.32	FF/b-1	4.7	50.1	1750
					Coal	0.38	FF/C-2	6.1	31.0	1700
					Band	0.12	FF/b-2	4.1	53.2	750
					Coal	0.23	FF/C-3	7.0	26.6	1000
					Shaly coal	0.24	FF/b-3	5.4	41.7	1450
					Coal	0.20	FF/C-4	7.3	21.6	750
					Sandy grey shale	0.13	Not sampled			750
					Floor – Grey shale					
					Roof – Grey shale					
	357.95	358.55	0.60	0.60	Coal	0.48	GG/C-1	5.5	26.3	1250
					Band	0.12	GG/b-1	3.3	56.1	500
					Floor – Grey shale					
					Roof – Grey shale					
	378.40	379.00	0.60	0.60	Shaly coal	0.30	HH/b-1	4.5	43.9	1250
					Coal, CPB	0.30	HH/C-1	5.2	28.9	1000
					Floor – Very coarse grained sandstone					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms.)
					Roof – Grey shale					
	406.65	407.45	0.80	0.80	Coal, CPB	0.80	II/C-1	5.8	20.4	2250
					Floor – Grey shale					
					Roof – Grey shale					
	408.50	410.50	2.00	2.00	Coal	0.38	JJ/C-1	5.4	24.4	850
					Shaly coal	0.15	JJ/b-1	3.2	51.3	500
					Coal	0.80	JJ/C-2	5.8	18.2	1550
					Shaly coal	0.32	JJ/b-2	3.6	47.6	1000
					Coal	0.22	JJ/C-3	5.1	25.0	550
					Sandy grey shale	0.13	Not sampled			550
					Floor – Grey shale					
					Roof – Grey shale					
	434.15	434.85	0.70	0.70	Coal	0.25	KK/C-1	5.5	25.5	500
					Shaly coal	0.23	KK/b-1	4.1	46.2	600
					Coal	0.22	KK/C-2	5.9	19.6	400
					Floor – Grey shale					
					Roof – Grey shale					
	488.00	489.80	1.80	1.80	Coal, CPB	0.20	LL/C-1	4.7	27.3	350
					Band	0.80	LL/b-1	2.8	53.4	2350
					Coal	0.80	LL/C-2	4.7	25.3	1600
					Floor – Medium grained sandstone					
					Roof – Grey shale					
	492.65	495.45	2.80	2.80	Band	0.35	MM/b-1	2.7	55.2	1100
					Coal, CPB	1.04	MM/C-1	4.4	24.5	1500
					Shaly coal, CB	0.44	MM/b-2	3.0	51.3	900
					Band	0.64	MM/b-3	2.9	57.0	1900
					Coal	0.17	MM/C-2	4.2	22.4	350
					Band	0.16	MM/b-4	1.4	66.6	700
					Floor – Fine grained sandstone					

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms.)
497.00	504.50	7.50	7.50	Roof – Grey shale						
				Shaly coal, CPB	2.80	NN/b-1	2.4	52.6	7500	
				Coal, CPB	3.60	NN/C-1	5.1	22.2	6700	
				Shaly coal	0.14	NN/b-2	3.6	45.3	400	
				Coal	0.26	NN/C-2	5.0	23.0	450	
				Band	0.70	NN/b-3	2.8	61.9	2300	
				Floor – Debris flow						
505.40	506.25	0.85	0.85	Roof – Medium grained sandstone						
				Coal	0.15	OO/C-1	4.7	16.8	350	
				Shaly coal	0.13	OO/b-1	3.4	46.5	400	
				Coal	0.30	OO/C-2	3.8	27.4	800	
				Band	0.15	OO/b-2	1.8	69.3	550	
				Coal	0.12	OO/C-3	4.3	14.7	250	
				Floor – Grey shale						
507.00	519.45	12.45	12.50	Roof – Grey shale						
				Band	0.15	PP/b-1	2.0	67.5	500	
				Coal, CPB	0.30	PP/C-1	3.8	26.1	800	
				Band	0.12	PP/b-2	1.5	73.1	400	
				Coal	0.30	PP/C-2	4.6	24.7	850	
				Band	0.24	PP/b-3	2.5	59.0	800	
				Coal	0.14	PP/C-3	4.6	24.4	300	
				Shaly coal	0.14	PP/b-4	3.0	48.4	450	
				Coal	0.13	PP/C-4	5.1	16.8	300	
				Shaly coal	0.12	PP/b-5	2.7	46.3	350	
				Coal	0.56	PP/C-5	3.3	33.3	1600	
				Coal	0.14	PP/C-6	4.2	20.0	400	
				Shaly coal	0.17	PP/b-6	3.2	45.5	500	
				Coal	1.36	PP/C-7	4.1	20.5	3900	
				Shaly coal	0.12	PP/b-7	3.5	40.6	350	

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			CFRI	AS ANALYSED BASIS		WEIGHT
B. H	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m)	To (m)	(m)	(m)		(m)		%	%	(Grms.)	
AB - 13					Coal	0.62	PP/C-8	4.5	23.2	1750	
					Shaly coal	0.18	PP/b-8	3.2	45.7	650	
					Coal	1.85	PP/C-9	4.3	23.3	5550	
					Coal	0.34	PP/C-10	3.9	29.5	750	
					Band	0.18	PP/b-9	1.7	70.6	750	
					Coal	0.58	PP/C-11	4.0	28.0	1250	
					Shaly coal	0.14	PP/b-10	3.4	42.0	350	
					Coal	0.16	PP/C-12	3.4	30.7	350	
					Coal	0.34	PP/C-13	4.4	25.5	1000	
					Shaly coal	0.15	PP/b-11	3.3	47.3	500	
					Coal, CPB	3.07	PP/C-14	4.9	20.4	9500	
					Shaly coal, CPB	0.08	PP/b-12	3.0	42.5	300	
					Coal, CPB	0.75	PP/C-15	4.9	20.0	2150	
					Band	0.07	PP/b-13	2.7	55.1	250	
					Floor – Grey shale						
					Roof – Grey shale						
		96.30	97.10	0.80	0.80	Coal, CB	0.48	A/C-1	11.1	30.1	2300
						Band, CPB	0.32	A/b-1	8.8	49.3	2150
						Floor – Grey shale					
						Roof – Grey shale					
	119.05	129.65	10.60	10.60	Band	0.23	B/b-1	8.2	50.9	1900	
					Coal, CPB	0.55	B/C-1	11.3	27.4	3250	
					Band	0.87	B/b-2	7.2	58.2	7050	
					Coal	0.42	B/C-2	11.6	25.2	2400	
					Shaly coal	0.23	B/b-3	9.1	41.5	1700	
					Coal	1.15	B/C-3	11.1	29.0	7100	
					Shaly coal	0.18	B/b-4	9.4	43.1	1300	
					Coal	0.25	B/C-4	10.7	30.1	1600	
DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I.	AS ANALYSED BASIS			

B. H. No.	Run		Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	WEIGHT (Grms.)
	From (m.)	To (m.)	(m.)			(m.)		%	%	
					Band	0.64	B/b-5	7.4	56.5	5100
					Coal	0.22	B/C-5	11.7	22.0	1300
					Band	0.26	B/b-6	6.9	54.2	2100
					Coal	0.26	B/C-6	11.5	25.5	1650
					Shaly coal	0.20	B/b-7	8.2	44.1	1500
					Coal	0.25	B/C-7	10.1	28.9	1500
					Band	0.25	B/b-8	7.8	49.0	2100
					Coal, CPB	1.20	B/C-8	11.3	25.8	7100
					Band	0.29	B/b-9	7.6	50.1	2300
					Coal	0.38	B/C-9	10.2	28.0	2350
					Shaly coal	0.12	B/b-10	9.4	43.0	950
					Coal, CPB	0.20	B/C-10	8.9	32.9	1300
					Band	0.09	B/b-11	6.5	54.6	700
					Coal	0.30	B/C-11	10.3	29.5	1800
					Band	0.16	B/b-12	6.3	59.9	1300
					Coal	0.46	B/C-12	11.4	24.5	2850
					Shaly coal	1.32	B/b-13	8.1	45.5	10100
					Coal	0.12	B/C-13	9.8	26.2	850
					Floor – Grey shale					
					Roof – Grey shale					
	131.35	132.35	1.00	1.00	Coal	0.39	C/C-1	9.3	26.4	2400
					Band	0.11	C/b-1	6.5	52.7	900
					Coal	0.50	C/C-2	9.5	27.7	3350
					Floor – Grey shale					
					Roof – Grey shale					
	132.65	133.65	1.00	1.00	Coal	0.19	D/C-1	10.3	23.6	1100
					Band	0.08	D/b-1	6.9	48.2	750

Coal 0.73 D/C-2 11.1 24.5 4600

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.L. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery	Lithology	Thickness		Moist	Ash	
	From (m.)	To (m)	(m.)							
					Floor – Grey shale					
					Roof – Grey shale					
134.85	137.55	2.70	2.70		Coal	2.33	E/C-1	10.7	24.6	13500
					Shaly coal	0.37	E/b-1	7.3	47.2	2900
					Floor – Dark grey shale					
					Roof – Dark grey shale					
138.15	139.65	1.50	1.50		Coal	1.38	F/C-1	10.8	23.2	8600
					Band	0.12	F/b-1	3.6	59.5	1150
					Floor – Grey shale					
					Roof – Grey shale					
143.65	148.15	4.50	4.50		Shaly coal	0.25	G/b-1	8.0	42.4	1700
					Coal	0.23	G/C-1	10.0	26.9	1400
					Band	0.16	G/b-2	7.3	51.0	1400
					Coal	1.86	G/C-2	11.2	22.4	11750
					Band	0.57	G/b-3	7.6	50.1	4600
					Coal	1.30	G/C-3	11.2	22.6	7600
					Shaly coal	0.13	G/b-4	8.8	43.2	1000
					Floor – Grey shale					
					Roof – Grey shale					
155.75	156.75	1.00	1.00		Coal	1.00	H/C-1	9.9	29.9	6100
					Floor – Grey shale					
					Roof – Grey shale					
429.30	430.90	1.60	1.60		Coal	1.60	I/C-1	10.1	19.2	6600
					Floor – Grey shale					
					Roof – Grey shale					

431.10 432.40 1.30 1.30 Coal 1.30 J/C-1 10.5 16.7 5600

Floor – Grey shale

Roof – Grey shale

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
	434.00	435.70	1.70	1.70	Coal, CPB	0.53	K/C-1	9.9	19.4	1900
					Band	0.82	K/b-1	4.3	55.0	4600
					Coal, CPB	0.35	K/C-2	8.1	24.4	1250
					Floor – Grey shale					
					Roof – Grey shale					
	436.25	438.25	2.00	2.00	Coal	0.54	L/C-1	9.7	21.7	2350
					Band	0.20	L/b-1	5.5	50.6	1150
					Coal	0.60	L/C-2	10.2	15.6	2450
					Shaly coal	0.18	L/b-2	5.7	49.1	900
					Coal, CB	0.48	L/C-3	8.6	18.9	1500
					Floor – Grey shale					
					Roof – Grey shale					
	438.70	439.50	0.80	0.80	Shaly coal	0.20	L/b-3	6.7	44.3	1350
					Coal	0.40	L/C-4	9.6	17.7	1850
					Shaly coal	0.20	L/b-4	6.0	44.2	1400
					Floor – Grey shale					
					Roof – Grey shale					
	450.70	457.40	6.70	6.70	Coal, CPB	3.70	M/C-1	8.1	17.8	14000
					Shaly coal, CPB	0.20	M/b-1	5.8	43.4	900
					Coal, CPB	2.80	M/C-2	8.7	15.5	10300
					Floor – Grey shale					
					Roof – Grey shale					
	461.50	470.00	8.50	8.50	Coal	0.70	N/C-1	7.9	20.9	3600

Shaly coal	0.09	N/b-1	4.9	44.1	900
Coal	1.95	N/C-2	8.5	17.1	8650
Shaly coal	0.12	N/b-2	5.4	44.2	850
Coal	2.54	N/C-3	9.1	12.7	10600
Shaly coal	0.07	N/b-3	5.9	42.3	350
Coal	0.80	N/C-4	9.2	15.0	3450

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery	Lithology	Thickness		Moist	Ash	
	From (m.)	To (m)	(m.)							
					Band	0.14	N/b-4	4.4	59.4	900
					Coal	1.22	N/C-5	8.7	17.2	5900
					Shaly coal	0.12	N/b-5	7.2	41.4	600
					Coal	0.75	N/C-6	8.7	17.8	3350
					Floor – Grey shale					
					Roof – Grey shale					
	471.60	472.60	1.00	1.00	Shaly coal	0.15	O/b-1	6.3	44.1	750
					Coal	0.85	O/C-1	8.8	21.2	3850
					Floor – Grey shale					
					Roof – Grey shale					
	474.05	474.70	0.65	0.65	Coal	0.52	P/C-1	8.4	27.8	2450
					Shaly coal	0.13	P/b-1	6.4	48.6	850
					Floor – Grey shale					
					Roof – Grey shale					
	475.70	477.30	1.60	1.60	Band	0.75	Q/b-1	5.7	53.8	4400
					Coal	0.19	Q/C-1	8.7	28.1	850
					Band	0.20	Q/b-2	5.7	55.4	1200
					Coal	0.12	Q/C-2	8.4	27.6	600
					Band	0.34	Q/b-3	5.7	56.3	2000
					Floor – Grey shale					
					Roof – Grey shale					

478.60	479.60	1.00	1.00	Coal	0.20	R/C-1	8.6	32.5	800
				Band	0.80	R/b-1	5.5	55.1	4350
				Floor – Grey shale					
				Roof – Grey shale					
481.40	482.00	0.60	0.60	Coal	0.60	S/C-1	9.1	23.6	3000
				Floor – Grey shale					

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RNC/93/BH-114

Roof – Silty shale

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery	Lithology	Thickness		Moist	Ash	
	From (m.)	To (m)	(m.)							
	19.00	22.60	3.60	3.60	Band	0.45	A/b-1	6.0	60.7	3300
					Coal	0.34	A/C-1	11.2	30.0	2100
					Band, CPB	0.50	A/b-2	7.6	51.0	3400
					Coal	0.23	A/C-2	8.4	40.5	1350
					Band, CPB	0.73	A/b-3	6.2	56.8	5000
					Coal, CPB	0.30	A/C-3	12.0	24.8	1450
					Band, CPB	0.65	A/b-4	6.7	55.2	4300
					Coal, CPB	0.40	A/C-4	10.9	33.1	2100
					Floor – Grey shale					
					Roof – Grey shale					
	23.55	25.05	1.50	1.50	Band	0.18	B/b-1	6.4	51.3	1300
					Coal	0.20	B/C-1	8.9	35.1	1300
					Band	0.84	B/b-2	6.3	58.2	6450
					Coal	0.28	B/C-2	8.6	37.8	1800
					Floor – Grey shale					
					Roof – Grey shale					
	41.20	42.45	1.25	1.25	Coal, CPB	1.10	C/C1	10.0	30.8	6200
					Band	0.15	C/b-1	5.7	56.7	1200

					Floor – Grey shale					
					Roof – Grey shale					
110.95	111.75	0.80	0.85		Coal	0.17	D/C-1	9.9	27.3	1000
					Band	0.51	D/b-1	5.5	57.4	3900
					Coal	0.17	D/C-2	11.6	28.0	1100
					Floor – Grey shale					
					Roof – Grey shale					
124.80	126.35	1.55	1.55		Shaly coal	0.42	E/b-1	7.7	41.6	2650
					Coal, CPB	0.21	E/C-1	10.3	28.3	850
					Band	0.67	E/b-2	5.3	59.2	5000
					Coal	0.25	E/C-2	10.0	22.0	1200

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery (m.)	Lithology	Thickness (m.)		Moist	Ash	
	From (m.)	To (m.)	(m.)					%	%	

					Floor – Grey shale					
					Roof – Grey shale					
130.90	153.85	22.95	22.95		Coal, CB	0.65	F/C-1	9.5	25.1	2600
					Shaly coal	0.20	F/b-1	6.7	46.0	1250
					Coal, CPB	0.50	F/C-2	11.3	19.4	2100
					Shaly coal	0.32	F/b-2	6.9	47.6	2050
					Coal, CPB	0.45	F/C-3	10.2	22.7	1950
					Shaly coal	0.15	F/b-3	6.1	45.6	900
					Coal, CPB	1.75	F/C-4	9.2	23.5	8150
					Shaly coal, CPB	0.63	F/b-4	7.1	39.0	3100
					Coal, CB	2.60	F/C-5	9.6	22.9	11500
					Shaly coal, CPB	0.20	F/b-5	6.0	42.0	1050
					Coal, CPB	0.78	F/C-6	9.2	22.1	3450
					Shaly coal, CPB	0.70	F/b-6	6.7	48.1	3700
					Coal, CPB	0.78	F/C-7	7.9	30.5	3900
					Shaly coal	0.75	F/b-7	5.8	45.8	1400

Coal, CB	0.82	F/C-8	9.9	24.9	3700
Shaly coal, CPB	0.10	F/b-8	6.6	41.8	600
Coal, CPB	0.32	F/C-9	9.4	26.9	1700
Shaly coal	0.23	F/b-9	7.0	39.8	1400
Coal, CPB	2.48	F/C-10	9.8	22.4	12300
Shaly coal	0.16	F/b-10	6.8	40.2	1000
Coal, CPB	0.76	F/C-11	9.2	24.6	3800
Coal & shaly coal, CB & mixed cut at 1.60 Sp. Gr.	1.32				
Float		F/C-12	9.6	27.4	5100
Sink		F/b-11	7.5	40.8	2000
Coal	6.30	F/C-13	9.0	25.0	34300

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery (m.)	Lithology	Thickness (m.)		Moist	Ash	
	From (m.)	To (m)	(m.)					%	%	

Floor – Grey shale

Roof – Grey shale

155.30	165.90	10.60	10.95	Shaly coal	0.10	G/b-1	6.1	47.1	700
				Coal	0.34	G/C-1	7.6	29.8	2350
				Shaly coal, CB	0.18	G/b-2	6.0	44.6	1200
				Coal	0.36	G/C-2	7.2	30.7	2450
				Band	0.15	G/b-3	6.2	51.6	1450
				Coal	0.09	G/C-3	8.6	26.2	600
				Shaly coal	0.20	G/b-4	7.3	45.7	1600
				Coal	0.28	G/C-4	8.7	26.7	2300
				Band	0.17	G/b-5	5.9	53.6	1500
				Coal	0.12	G/C-5	8.0	33.8	800
				Band	0.12	G/b-6	4.6	58.0	900
				Coal	0.12	G/C-6	7.6	34.6	850

Shaly coal	0.13	G/b-7	6.0	45.1	1300
Coal	0.18	G/C-7	8.9	26.9	1100
Band	0.12	G/b-8	5.6	50.3	800
Coal	0.26	G/C-8	7.9	27.7	1750
Shaly coal	0.18	G/b-9	6.3	44.0	1250
Coal	0.27	G/C-9	8.4	29.2	1800
Shaly coal	0.13	G/b-10	6.2	47.0	900
Coal	0.95	G/C-10	8.1	30.1	6700
Shaly coal	0.54	G/b-11	6.8	42.9	6700
Coal	0.50	G/C-11	8.7	34.4	4700
Band	0.10	G/b-12	6.2	54.2	750
Coal	0.80	G/C-12	8.6	26.0	4900
Shaly coal	0.25	G/b-13	7.3	42.6	2850
Coal	0.30	G/C-13	10.4	25.0	2600
Band	0.12	G/b-14	5.8	51.5	1000

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m.)	To (m)	(m.)							
					Coal	0.55	G/C-14	8.9	27.2	4350
					Shaly coal	0.20	G/b-15	6.7	38.4	1300
					Coal	0.70	G/C-15	8.9	28.9	5400
					Shaly coal	0.42	G/b-16	7.6	41.9	3800
					Coal	0.80	G/C-16	9.2	26.3	6350
					Shaly coal	0.10	G/b-17	7.1	39.2	800
					Coal	0.90	G/C-17	10.0	23.1	6000
					Band	0.22	G/b-18	5.6	58.0	2400
					Floor – Grey shale					
					Roof – Grey shale					
	171.45	173.00	1.55	1.55	Coal	0.20	H/C-1	11.4	20.7	1000
					Band	0.12	H/b-1	4.1	67.9	950

					Coal	0.39	H/C-2	10.6	22.8	2050
					Shaly coal	0.59	H/b-2	6.4	47.3	4000
					Coal	0.25	H/C-3	9.5	22.6	1300
					Floor – Grey shale					
					Roof – Grey shale					
183.45	186.55	3.10	3.10		Band	0.08	I/b-1	5.3	53.1	650
					Coal	0.20	I/C-1	9.0	29.9	1250
					Band	0.12	I/b-2	5.8	49.5	950
					Coal	0.22	I/C-2	11.5	21.2	1250
					Band	0.09	I/b-3	6.2	51.6	700
					Coal	0.20	I/C-3	13.2	11.6	1050
					Shaly coal	0.25	I/b-4	7.5	41.6	1850
					Coal	0.50	I/C-4	9.8	30.0	3400
					Band	0.15	I/b-5	5.5	54.4	1400
					Coal	0.33	I/C-5	10.0	25.3	2100
					Shaly coal	0.32	I/b-6	6.7	48.0	2450
					Coal	0.50	I/C-6	9.0	28.8	3300

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist	Ash	
	From (m.)	To (m)						%	%	
					Shaly coal	0.14	I/b-7	7.6	37.7	1000
					Floor – Very coarse grained sandstone					
					Roof – Grey shale					
217.50	221.60	4.10	4.10	Band	0.11	J/b-1	3.0	71.3	850	
				Coal	0.16	J/C-1	7.6	34.4	850	
				Band	0.23	J/b-2	4.2	64.8	1900	
				Coal	0.20	J/C-2	8.1	26.3	1300	
				Shaly coal	0.15	J/b-3	5.8	49.2	1250	
				Coal	0.23	J/C-3	8.7	25.3	2550	
				Shaly coal	0.42	J/b-4	6.1	45.8	3150	

				Coal	0.18	J/C-4	7.6	26.8	1150
				Shaly coal	0.23	J/b-5	5.8	47.8	1750
				Coal	0.28	J/C-5	7.9	29.7	1700
				Band	0.19	J/b-6	4.8	58.3	1500
				Coal	0.35	J/C-6	9.8	24.6	2100
				Band	0.16	J/b-7	5.4	54.0	1300
				Coal	0.75	J/C-7	8.9	23.9	4250
				Band	0.10	J/b-8	4.1	61.1	950
				Coal	0.36	J/C-8	10.6	18.8	1700
				Floor – Grey shale					
				Roof – Grey shale					
228.15	249.05	20.90	20.90	Coal	5.00	K/C-1	9.6	19.9	24500
				Shaly coal	0.14	K/b-1	5.8	34.4	850
				Coal	0.32	K/C-2	10.3	17.4	1700
				Shaly coal	0.08	K/b-2	5.7	38.7	500
				Coal	1.28	K/C-3	8.6	23.3	7100
				Band	0.18	K/b-3	4.4	53.2	1250
				Coal	0.36	K/C-4	10.5	12.5	2200
				Band	1.10	K/b-4	4.7	56.0	8500

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.L. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist	Ash	
	From (m.)	To (m)						%	%	
					Coal	2.70	K/C-5	7.2	26.7	16000
					Shaly coal, CPB	0.15	K/b-5	4.9	49.6	950
					Coal, CPB	0.26	K/C-6	6.8	30.6	1300
					Band	0.09	K/b-6	4.8	54.6	700
					Coal	1.43	K/C-7	7.7	24.8	7800
					Shaly coal	0.10	K/b-7	5.2	41.2	750
					Coal	0.16	K/C-8	9.8	21.4	850
					Shaly coal	0.08	K/b-8	5.4	48.3	750

Coal	0.47	K/C-9	8.2	23.0	2600
Shaly coal	0.22	K/b-9	5.2	48.1	1500
Coal	0.23	K/C-10	7.4	32.2	1400
Shaly coal	0.25	K/b-10	5.9	38.0	1650
Coal	0.50	K/C-11	8.1	30.0	3000
Shaly coal	0.17	K/b-11	5.6	42.5	1100
Coal	0.58	K/C-12	8.1	26.0	3250
Shaly coal	0.15	K/b-12	5.3	47.2	1100
Coal	0.50	K/C-13	7.3	27.7	3150
Band	0.12	K/b-13	4.0	54.7	900
Coal	0.14	K/C-14	8.6	19.2	700
Shaly coal	0.14	K/b-14	5.4	46.3	1100
Coal	0.54	K/C-15	8.5	31.2	3550
Shaly coal	0.12	K/b-15	4.9	46.6	850
Coal	0.14	K/C-16	9.1	13.0	500
Shaly coal	0.19	K/b-16	5.4	46.2	1300
Coal	0.54	K/C-17	8.5	25.7	3150
Shaly coal	0.18	K/b-17	5.6	47.4	1300
Coal	0.26	K/C-18	7.5	30.5	1600
Shaly coal	0.08	K/b-18	4.9	48.9	650
Coal	1.78	K/C-19	9.3	23.6	10300

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m.)	To (m)								
					Shaly coal	0.17	K/b-19	6.0	42.8	1100
					Floor – Grey shale					
					Roof – Grey shale					
	252.60	261.00	8.40	8.40	Shaly coal	0.15	L/b-1	4.7	50.0	1300
					Coal	0.30	L/C-1	7.6	28.4	1950
					Shaly coal	0.32	L/b-2	5.7	41.9	2300

Coal	0.25	L/C-2	7.4	25.2	1350
Shaly coal	0.13	L/b-3	5.5	45.6	900
Coal	0.70	L/C-3	8.1	27.7	4300
Band	0.26	L/b-4	5.6	51.1	1900
Coal	0.45	L/C-4	7.6	32.1	3000
Shaly coal	0.09	L/b-5	6.1	42.5	700
Coal	0.64	L/C-5	8.6	23.3	3700
Shaly coal	0.14	L/b-6	5.9	46.5	1100
Coal	0.11	L/C-6	8.6	25.1	750
Band	0.17	L/b-7	4.8	53.4	1300
Coal	0.34	L/C-7	9.1	23.2	2300
Shaly coal	0.07	L/b-8	5.4	43.7	600
Coal	0.18	L/C-8	8.4	20.8	1300
Band	0.49	L/b-9	4.7	54.0	4350
Coal	0.30	L/C-9	7.1	27.6	1800
Shaly coal	0.14	L/b-10	5.1	47.6	1250
Coal	0.55	L/C-10	7.3	27.6	4000
Shaly coal	0.12	L/b-11	5.4	49.0	850
Coal	0.10	L/C-11	7.5	34.8	950
Band	0.17	L/b-12	5.0	52.2	1500
Coal	0.13	L/C-12	8.7	30.3	1000
Band, CPB	0.18	L/b-13	5.1	53.8	1000
Coal	0.10	L/C-13	8.1	29.6	750

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m.)	To (m)	(m.)							
					Band	0.08	L/b-14	5.1	50.8	800
					Coal	0.67	L/C-14	8.5	23.1	4200
					Shaly coal	0.83	L/b-15	6.4	42.5	6000
					Coal	0.24	L/C-15	9.0	22.9	1400

					Floor – Grey shale					
					Roof – Grey shale					
268.85	269.55	0.70	0.70	Band	0.52	M/b-1	3.9	60.6	4000	
				Coal	0.18	M/C-1	7.2	30.7	950	
					Floor – Very coarse grained sandstone					
					Roof – Grey shale					
276.75	278.15	1.40	1.40	Band	0.80	N/b-1	3.7	65.1	5450	
				Coal	0.10	N/C-1	6.8	29.8	750	
				Band	0.37	N/b-2	3.9	61.3	3100	
				Coal	0.13	N/C-2	9.7	23.9	700	

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					Floor – Grey shale					
					Roof – Grey shale					
18.30	19.20	0.90	0.90	Coal, CPB	0.18	A/C-1	8.30	30.60	900	
				Shaly coal	0.28	A/b-1	4.50	60.30	2400	
				Coal	0.44	A/C-2	7.40	33.50	1900	
					Floor – Grey shale					
					Roof – Grey shale					
21.60	26.35	4.75	4.55	Coal, CPB	0.15	B/C-1	7.70	30.20	650	
				Shaly coal	0.14	B/b-1	4.10	60.80	1100	
				Coal, CPB	0.65	B/C-2	7.80	31.60	3700	
				Shaly coal	0.30	B/b-2	4.70	63.70	2100	
				Coal, CPB	0.18	B/C-3	7.20	33.70	1000	
				Band	0.65	B/b-3	3.70	63.60	4950	

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT
B. H. No.	Run		Thickness	Recovery	Lithology	Thickness		Moist	Ash	
	From (m.)	To (m)	(m.)							
					Coal, CPB	0.27	B/C-4	9.00	22.90	1400
					Band	0.12	B/b-4	3.80	66.30	1000

					Coal, CPB	0.32	B/C-5	9.10	28.60	1650
					Shaly coal	0.18	B/b-5	6.30	50.00	1400
					Coal, CPB	0.38	B/C-6	10.10	26.20	1900
					Shaly coal	0.15	B/b-6	4.30	61.10	1250
					Coal, CPB	0.35	B/C-7	10.70	21.30	1750
					Shaly coal	0.45	B/b-7	5.00	56.80	3600
					Coal	0.26	B/C-8	7.80	32.60	1500
					Floor – Grey siltstone					
					Roof – Grey shale					
158.10	159.40	1.30	1.84		Shaly coal	0.07	C/b-1	5.90	47.40	550
					Coal	0.25	C/C-1	8.50	28.60	1650
					Band	0.42	C/b-2	3.60	68.40	3500
					Coal, CPB	0.69	C/C-2	9.20	27.10	4200
					Band	0.26	C/b-3	5.50	49.60	2000
					Coal	0.15	C/C-3	8.20	31.80	850
					Floor – Grey shale					
					Roof – Grey shale					
177.55	178.15	0.60	0.60		Coal	0.60	D/C-1	8.00	25.90	3550
					Floor – Silty shale					
					Roof – Grey shale					
185.00	186.50	1.50	1.50		Band	0.18	E/b-1	4.20	58.90	1200
					Coal, CPB	0.25	E/C-1	8.90	22.80	1400
					Band	0.32	E/b-2	4.30	61.10	2700
					Coal	0.75	E/C-2	8.20	29.30	600
					Floor – Grey shale					
					Roof – Grey shale					
187.75	188.45	0.70	0.70		Band, CPB	0.10	F/b-1	4.50	55.20	700

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Recovery (m.)	Lithology	Thickness (m.)		Moist	Ash	
	From (m.)	To (m.)					%	%	

					Coal	0.50	F/C-1	6.10	27.00	2950
					Band, CPB	0.10	F/b-2	2.90	70.80	800
					Floor – Grey shale					
					Roof – Grey shale					
193.15	200.65	7.50	7.50		Coal, CPB	0.30	G/C-1	6.70	27.60	1300
					Band, CPB	0.27	G/b-1	4.70	53.40	1750
					Coal, CPB	0.76	G/C-2	7.90	19.60	3750
					Band	0.16	G/b-2	4.10	59.50	1300
					Coal, CPB	1.15	G/C-3	9.20	19.50	6350
					Band, CPB	0.28	G/b-3	5.20	50.40	1700
					Coal, CPB	1.68	G/C-4	8.20	20.70	8400
					Shaly coal	0.20	G/b-4	5.80	46.00	1450
					Coal	0.88	G/C-5	9.40	19.50	5150
					Band, CPB	0.25	G/b-5	5.10	57.60	2050
					Coal, CPB	0.69	G/C-6	8.30	25.60	3900
					Band, CPB	0.20	G/b-6	5.00	58.60	1500
					Coal, CPB	0.13	G/C-7	10.10	23.60	750
					Shaly coal	0.24	G/b-7	6.20	45.10	1650
					Coal	0.11	G/C-8	11.10	19.20	700
					Shaly coal	0.10	G/b-8	9.90	31.30	650
					Coal, CPB	0.10	G/C-9	9.30	22.00	500
					Floor – Grey shale					
					Roof – Grey shale					
207.85	209.50	1.65	1.65		Shaly coal, CPB	0.51	H/b-1	7.60	43.20	3500
					Coal, CPB	0.74	H/C-1	8.10	28.20	4500
					Band	0.40	H/b-2	5.10	55.60	3400
					Floor – Grey shale					
					Roof – Grey shale					
215.55	216.10	0.55	0.35		Coal	0.17	I/C-1	7.80	25.40	1000

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I.	AS ANALYSED BASIS		WEIGHT
B. H.	Run	Thickness	Recovery	Lithology	Thickness	Sample No.	Moist	Ash	

No.	From (m.)	To (m.)	(m.)	(m.)	(m.)		%	%	(Grms.)
					Band	0.07	I/b-1	3.80	500
					Coal	0.11	I/C-2	9.20	650
					Floor – Grey shale				
					Roof – Grey shale				
229.05	230.10	1.05	1.05		Band	0.20	J/b-1	6.00	1550
					Coal	0.15	J/C-1	10.60	950
					Band	0.70	J/b-2	5.20	5700
					Floor – Grey shale				
					Roof – Grey shale				
270.50	271.65	1.15	1.05		Band	0.26	K/b-1	3.80	1450
					Coal, CPB	0.13	K/C-1	5.10	500
					Band, CPB	0.66	K/b-2	4.60	3650
					Floor – Grey shale				
					Roof – Grey shale				
290.55	291.95	1.40	1.40		Band, CPB	0.79	L/b-1	3.70	3850
					Coal	0.21	L/C-1	6.10	650
					Shaly coal, CPB	0.40	L/b-2	4.30	1650
					Floor – Medium grained sandstone				
					Roof – Claystone				
310.70	312.55	1.85	1.85		Coal, CB	0.40	M/C-1	5.40	1350
					Band, CPB	0.27	M/b-1	2.90	1600
					Coal	0.12	M/C-2	5.30	650
					Band	0.07	M/b-2	2.40	450
					Coal, CPB	0.27	M/C-3	6.40	1150
					Band	0.14	M/b-3	3.40	950
					Coal, CPB	0.28	M/C-4	5.80	1200
					Band, CPB	0.30	M/b-4	3.50	1500
					Floor – Grey shale				
					Roof – Grey shale				

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.L. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Moist %	Ash %		
	From (m.)	To (m)								
	313.35	315.25	1.90	1.90	Coal	0.73	N/C-1	6.50	30.60	3200
					Band	0.13	N/b-1	4.50	51.60	700
					Coal	0.15	N/C-2	7.40	20.60	650
					Band	0.11	N/b-2	2.70	72.00	700
					Coal	0.78	N/C-3	6.00	32.40	3500
					Floor – Grey shale					
					Roof – Grey shale					
	316.30	317.80	1.50	1.50	Coal, CPB	0.37	O/C-1	6.90	23.00	1100
					Band	0.13	O/b-1	3.10	67.70	800
					Coal, CPB	0.51	O/C-2	6.80	24.80	2000
					Band	0.24	O/b-2	4.10	55.20	1350
					Coal	0.25	O/C-3	6.60	26.20	1000
					Floor – Grey shale					
					Roof – Grey shale					
	318.15	324.95	6.80	6.80	Coal	0.25	P/C-1	6.60	31.10	1050
					Shaly coal	0.22	P/b-1	4.50	49.80	1200
					Coal	0.15	P/C-2	5.20	33.70	700
					Shaly coal, CPB	0.43	P/b-2	4.60	49.50	2200
					Coal, CPB	0.46	P/C-3	6.00	30.10	1850
					Band	0.42	P/b-3	3.90	57.50	2450
					Coal	1.19	P/C-4	5.10	32.80	5000
					Band	0.15	P/b-4	4.40	55.70	850
					Coal	0.31	P/C-5	5.90	29.00	1500
					Shaly coal	0.12	P/b-5	4.10	50.00	700
					Coal	0.17	P/C-6	5.80	29.00	700
					Band	0.18	P/b-6	3.80	55.20	1050
					Coal	0.16	P/C-7	5.60	32.30	700

Band	0.15	P/b-7	3.50	59.10	850
Coal	0.25	P/C-8	6.40	25.60	1100

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.L. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery	Lithology	Thickness		Moist	Ash	
	From (m.)	To (m)	(m.)							
					Band	0.16	P/b-8	3.90	56.20	900
					Coal	0.08	P/C-9	5.20	30.30	350
					Band	0.12	P/b-9	3.70	58.80	750
					Coal	0.45	P/C-10	5.20	29.00	2000
					Shaly coal	0.30	P/b-10	4.40	40.20	1500
					Coal	0.32	P/C-11	5.40	27.90	1350
					Band, CB	0.36	P/b-11	3.00	62.90	1800
					Coal, CPB	0.40	P/C-12	5.70	31.50	1500
					Floor – Grey shale					
					Roof – Siltstone					
	328.95	329.95	1.00	0.80	Band	0.80	Q/b-1	3.40	60.40	4600
					Floor – Grey shale					
					Roof – Grey shale					
	334.90	339.70	4.80	4.50	Coal, CPB	0.18	R/C-1	6.70	25.00	650
					Band, CPB	1.40	R/b-1	3.60	55.90	7250
					Sandy shale	0.05	Not sampled			250
					Band, CPB	0.65	R/b-2	3.40	61.60	3550
					Coal, CPB	0.15	R/C-2	4.40	43.50	600
					Band	0.75	R/b-3	3.60	59.00	4550
					Coal, CPB	0.40	R/C-3	6.40	27.60	1500
					Band	0.21	R/b-4	4.60	51.90	1200
					Coal, CPB	0.19	R/C-4	6.20	30.10	700
					Band, CPB	0.12	R/b-5	3.10	64.80	600
					Coal, CB	0.40	R/C-5	7.00	27.80	1250

Floor – Grey shale

Roof – Grey shale

341.50	342.70	1.20	1.20	Coal, CPB	0.25	S/C-1	3.80	50.20	900
				Band	0.25	S/b-1	2.70	68.30	1450

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery (m.)	Lithology	Thickness (m.)		Moist	Ash	
	From (m.)	To (m)	(m.)					%	%	
					Coal	0.18	S/C-2	5.80	27.80	800
					Band	0.25	S/b-2	3.00	64.30	1500
					Coal	0.27	S/C-3	5.40	32.10	1150
					Floor – Grey shale					
					Roof – Grey shale					
	345.50	346.50	1.00	0.95	Coal	0.13	T/C-1	6.30	24.60	600
					Shaly coal	0.37	T/b-1	5.10	45.90	1800
					Coal	0.45	T/C-2	5.70	37.30	2000
					Floor – Grey shale					
					Roof – Grey shale					
	384.30	388.75	4.45	4.45	Band	0.20	U/b-1	3.00	65.70	1150
					Coal	0.85	U/C-1	6.70	27.50	3500
					Shaly coal	0.10	U/b-2	4.50	47.10	500
					Coal	0.17	U/C-2	6.80	20.70	750
					Band	0.27	U/b-3	3.90	57.80	1600
					Coal, CPB	0.20	U/C-3	6.70	34.50	750
					Shaly coal	0.18	U/b-4	4.20	48.90	900
					Coal	0.60	U/C-4	6.20	30.70	2400
					Shaly coal	0.15	U/b-5	5.00	43.20	700
					Coal	0.37	U/C-5	7.90	23.40	1800
					Band	0.20	U/b-6	4.20	51.10	950
					Coal, CPB	1.16	U/C-6	6.50	26.90	4600

					Floor – Grey shale					
					Roof – Grey shale					
405.25	406.95	1.70	1.70		Shaly coal	0.23	V/b-1	4.00	47.70	1000
					Coal, CPB	0.25	V/C-1	5.20	32.50	800
					Band, CPB	0.57	V/b-2	3.80	52.00	2800
					Coal, CPB	0.18	V/C-2	6.10	24.80	500

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery	Lithology	Thickness		Moist	Ash	
	From (m.)	To (m)	(m.)							
					Shaly coal	0.47	V/b-3	4.50	44.80	2400
					Floor – Grey shale					
					Roof – Medium grained sandstone					
	443.95	444.85	0.90	0.90	Band	0.07	W/b-1	3.30	64.20	300
					Coal	0.13	W/C-1	5.60	30.20	400
					Band, CPB	0.48	W/b-2	3.70	56.40	1900
					Coal	0.10	W/C-2	5.10	36.40	300
					Band	0.12	W/b-3	2.90	66.60	550
					Floor – Siltstone					
					Roof - Siltstone					
	445.45	446.85	1.40	1.40	Band	0.15	X/b-1	2.50	66.20	750
					Coal	0.20	X/C-1	6.40	25.20	600
					Band	0.12	X/b-2	3.40	69.20	500
					Coal	0.12	X/C-2	6.20	27.80	350
					Band	0.15	X/b-3	4.00	59.60	600
					Coal, CPB	0.56	X/C-3	6.70	24.50	1500
					Band	0.10	X/b-4	4.20	58.00	350
					Floor – Siltstone					
					Roof - Siltstone					
	447.25	447.85	0.60	0.60	Band	0.40	Y/b-1	3.80	57.60	1750
					Coal, CPB	0.20	Y/C-1	5.40	32.20	550

					Floor – Coarse grained sandstone				
					Roof – Medium grained sandstone				
448.15	453.25	5.10	4.80		Coal & shaly coal	0.54			
					CB & mixed cut at				
					1.60 Sp.Gr.				
					Float	Z/C-1	5.40	31.70	950
					Sink	Z/b-1	4.80	46.30	1000
					Coal	Z/C-2	5.50	33.10	1200

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery	Lithology	Thickness		Moist	Ash	
	From (m.)	To (m)	(m.)							
					Shaly coal, CPB	0.37	Z/b-2	4.60	43.00	1300
					Coal	0.15	Z/C-3	5.20	37.00	550
					Band	0.23	Z/b-3	3.50	68.00	1000
					Coal	0.30	Z/C-4	6.70	25.90	1000
					Band	0.18	Z/b-4	4.20	55.10	850
					Coal	0.25	Z/C-5	6.30	29.70	800
					Shaly coal	0.15	Z/b-5	4.60	47.80	550
					Coal, CPB	0.24	Z/C-6	5.80	36.20	700
					Band	0.27	Z/b-6	2.90	72.20	1250
					Coal	0.18	Z/C-7	6.60	25.70	500
					Band	0.36	Z/b-7	3.30	63.80	1600
					Coal, CPB	0.46	Z/C-8	6.60	27.90	1300
					Shaly coal	0.22	Z/b-8	5.30	43.30	750
					Coal, CPB	0.32	Z/C-9	6.10	28.90	1000
					Band	0.15	Z/b-9	3.90	62.80	800

Floor – Grey shale

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Roof – Grey shale

132.00	133.20	1.20	1.20		Band	1.20	A/b-1	6.30	60.40	12600
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Floor – Grey shale
Roof – Grey shale

242.40	243.10	0.70	0.70	Coal	0.70	B/C-1	7.90	30.10	6800
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Floor – Grey shale
Roof – Grey shale

275.45	276.15	0.70	0.70	Band	0.15	C/b-1	5.80	51.10	1750
				Coal	0.25	C/C-1	8.10	29.10	2300
				Shaly coal	0.10	C/b-2	5.90	46.30	1000
				Coal	0.20	C/C-2	8.10	28.60	1800

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery (m.)	Lithology	Thickness (m.)		Moist	Ash	
	From (m.)	To (m)	(m.)					%	%	

Floor – Grey shale
Roof – Medium grained sandstone

284.10	285.40	1.30	1.30	Shaly coal	0.21	D/b-1	6.20	47.20	2000
				Coal	0.76	D/C-1	8.80	26.90	6000
				Shaly coal	0.15	D/b-2	6.30	46.50	1400
				Coal	0.18	D/C-2	7.60	27.60	1400

Floor – Medium grained sandstone
Roof – Medium grained sandstone

286.80	288.40	1.60	1.60	Coal	0.27	E/C-1	9.60	20.60	2200
				Shaly coal	0.36	E/b-1	6.60	48.10	3600
				Coal	0.21	E/C-2	10.80	16.30	1550
				Band	0.13	E/b-2	5.80	56.10	1400
				Coal, CPB	0.23	E/C-3	10.30	16.80	1650
				Band	0.40	E/b-3	5.60	54.70	4350

Floor – Grey shale
Roof – Siltstone

314.10	315.50	1.40	1.40	Coal	0.13	F/C-1	8.60	28.40	750
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				Band	0.27	F/b-1	4.60	63.80	2000
				Coal	0.40	F/C-2	10.20	23.30	2600
				Band	0.37	F/b-2	6.30	51.50	3100
				Coal	0.23	F/C-3	7.40	20.20	1300
				Floor – Grey shale					
				Roof – Grey shale					
327.60	328.30	0.70	0.70	Coal	0.07	G/C-1	8.90	17.30	400
				Band	0.10	G/b-1	5.20	52.60	1000
				Coal	0.30	G/C-2	8.50	24.30	2100
				Shaly coal	0.15	G/b-2	6.50	40.20	1050
				Floor – Coarse grained sandstone					
				Roof – Grey shale					

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness	Recovery	Lithology	Thickness		Moist	Ash	
	From (m.)	To (m)	(m.)							
	345.75	347.20	1.45	1.45	Band, CPB	0.37	H/b-1	5.30	58.80	3000
					Coal, CPB	0.18	H/C-1	8.10	33.40	1050
					Band	0.32	H/b-2	4.20	69.20	2900
					Coal	0.13	H/C-2	10.20	18.50	700
					Band, CPB	0.45	H/b-3	5.30	57.20	3350
					Floor – Grey shale					
					Roof – Grey shale					
	406.60	414.60	8.00	8.00	Band, CPB	0.35	I/b-1	4.90	59.40	2550
					Coal	0.18	I/C-1	9.60	16.90	950
					Band	0.18	I/b-2	5.50	60.90	1700
					Coal, CPB	0.68	I/C-2	9.50	19.80	3450
					Band	0.12	I/b-3	5.20	56.60	1200
					Coal, CB	1.23	I/C-3	8.20	24.20	6000
					Band	0.32	I/b-4	5.60	53.90	2800
					Coal, CPB	1.27	I/C-4	8.40	22.20	6650

				Band	0.12	I/b-5	5.50	53.10	1100
				Coal, CPB	1.30	I/C-5	9.10	21.30	7600
				Band	0.07	I/b-6	4.60	64.20	600
				Coal, CPB	0.65	I/C-6	8.80	25.40	3600
				Shaly coal	0.09	I/b-7	6.20	46.50	700
				Coal, CPB	1.04	I/C-7	9.60	18.60	5400
				Band	0.12	I/b-8	5.80	54.20	1000
				Coal, CPB	0.28	I/C-8	6.20	37.40	1300
				Floor – Medium grained sandstone					
				Roof – Grey shale					
417.85	418.65	0.80	0.80	Band, CPB	0.80	I/b-1	6.60	49.70	5400
				Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m)	To (m)								
AB - 17						Roof - Grey shale				
	17.15	18.00	0.85	0.85	Coal	0.47	A/C-1	12.80	26.60	3750
					Carb. shale	0.38	A/b-1	7.20	61.00	4400
						Floor - Grey shale				
						Roof - Grey shale				
	23.30	28.75	5.45	5.45	Coal	0.33	B/C-1	12.50	20.80	2900
					Shaly coal	0.09	B/b-1	9.60	39.70	900
					Coal	0.19	B/C-2	14.60	18.20	1600
					Carb. shale	0.13	B/b-2	10.10	47.40	1450
					Coal	0.17	B/C-3	14.80	21.30	1800
					Carb. shale	0.15	B/b-3	10.30	45.10	4300
					Coal	0.30	B/C-4	12.40	31.40	2950
					Carb. shale	0.20	B/b-4	9.00	51.80	2300
					Coal	0.15	B/C-5	13.30	23.40	1250
					Shaly coal	0.17	B/b-5	10.10	42.60	1900
					Coal	0.15	B/C-6	14.70	19.80	1550
					Shaly coal	0.15	B/b-6	10.40	36.30	1400
					Coal	0.38	B/C-7	13.30	24.80	3600
					Shaly coal	0.19	B/b-7	10.50	44.20	2050
					Coal	0.13	B/C-8	13.00	30.70	1300
					Shaly coal	0.12	B/b-8	10.50	44.40	1150
					Coal	0.15	B/C-9	13.70	21.60	1250
					Carb. shale	0.22	B/b-9	9.80	51.30	2800
					Coal	0.22	B/C-10	13.90	23.00	1900
					Shaly coal	0.20	B/b-10	9.40	43.70	2450
					Coal	0.76	B/C-11	11.80	25.00	6650
					Carb. shale	0.08	B/b-11	9.20	47.60	950
				Coal	0.38	B/C-12	12.00	28.10	3950	
				Shaly coal	0.08	B/b-12	9.70	44.80	750	

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m)	To (m)								
					Coal	0.36	B/C-13	12.80	23.40	2800
					Floor – Grey shale					
					Roof – Grey shale					
	29.75	30.45	0.70	0.70	Carb. shale	0.70	C/b-1	9.10	48.60	7500
					Floor – Grey shale					
					Roof – Fine grained sandstone					
	32.25	41.00	8.75	8.75	Coal	0.23	D/C-1	10.60	29.40	2000
					Shaly coal	0.39	D/b-1	9.60	47.70	4050
					Coal, CPB	0.22	D/C-2	13.50	25.70	1600
					Carb. shale, CPB	0.72	D/b-2	7.90	60.80	7650
					Coal	0.12	D/C-3	13.20	26.10	900
					Carb. shale	0.37	D/b-3	9.40	49.80	4000
					Coal	0.17	D/C-4	15.10	24.80	1400
					Carb. shale	1.35	D/b-4	8.70	55.80	14750
					Coal	0.25	D/C-5	13.20	30.00	2200
					Carb.shale	1.55	D/b-5	9.20	56.10	16750
					Coal	0.26	D/C-6	13.60	24.20	2150
					Shaly coal	0.49	D/b-6	11.00	43.80	5350
					Coal	0.09	D/C-7	12.10	27.00	1050
					Shaly coal	0.22	D/b-7	11.50	43.40	2400
					Coal	0.20	D/C-8	14.40	26.80	1800
					Carb. shale	0.36	D/b-8	12.10	43.50	3850
					Coal	0.25	D/C-9	12.20	32.50	2200
					Carb. shale, CPB	0.18	D/b-9	10.80	48.10	1800
					Coal, CPB	0.72	D/C-10	14.30	25.40	5500
					Carb. shale, CPB	0.19	D/b-10	10.40	45.70	2000
					Coal, CPB	0.10	D/C-11	12.30	29.40	900
					Sandy shale	0.04	Not sampled			450

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m)	To (m)								
					Carb. shale	0.28	D/b-11	9.40	48.30	2950
					Floor – Grey shale					
					Roof – Grey shale					
	51.10	53.20	2.10	2.10	Carb. shale	0.33	E/b-1	9.90	46.30	3800
					Coal	0.13	E/C-1	12.60	27.70	1200
					Carb. shale	0.79	E/b-2	10.30	47.80	8750
					Coal	0.27	E/C-2	13.80	25.80	2400
					Carb. shale	0.58	E/b-2	9.50	48.40	6500
					Floor – Grey shale					
					Roof – Grey shale					
	59.30	61.30	2.00	2.00	Shaly coal, CPB	0.34	F/b-1	9.50	41.60	3000
					Coal	0.24	F/C-1	12.30	29.10	2000
					Carb. shale	0.22	F/b-2	7.10	63.60	2400
					Coal	0.08	F/C-2	12.00	30.70	800
					Carb. shale	0.48	F/b-3	8.80	48.00	6100
					Coal	0.14	F/C-3	12.20	32.90	1200
					Carb. shale	0.50	F/b-4	8.90	50.70	5500
					Floor – Siltstone					
					Roof – Grey shale					
	64.10	66.10	2.00	2.00	Carb. shale	0.30	G/b-1	8.30	49.10	3350
					Coal	0.35	G/C-1	12.20	29.60	3100
					Carb. shale	1.35	G/b-2	8.70	51.70	14850
					Floor – Grey shale					
					Roof – Grey shale					
	70.95	72.00	1.05	1.05	Carb. shale	0.09	H/b-1	8.00	54.00	1000
					Coal	0.34	H/C-1	12.10	24.60	3350
					Shaly coal	0.22	H/b-2	8.50	46.50	2550
					Coal	0.40	H/C-2	13.20	21.00	3600
					Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m)	To (m)								
77.90	80.40	2.50	2.50	Roof – Very coarse grained sandstone						
				Carb. shale	0.30	I/b-1	7.70	48.50	3300	
				Coal	0.26	I/C-1	10.80	27.20	2100	
				Carb. shale	0.30	I/b-2	8.20	50.40	3300	
				Coal	0.44	I/C-2	10.80	28.80	3700	
				Carb. shale	0.38	I/b-3	8.60	48.40	4050	
				Coal	0.23	I/C-3	11.60	28.60	1900	
				Carb. shale	0.12	I/b-4	7.20	56.50	1500	
				Coal	0.24	I/C-4	11.80	28.40	2050	
				Carb. shale	0.23	I/b-5	8.00	58.20	2750	
83.45	84.20	0.75	0.75	Floor – Medium grained carbonaceous sandstone						
				Roof – Grey shale						
				Shaly coal	0.13	J/b-1	7.50	47.30	1300	
				Coal	0.35	J/C-1	10.50	27.00	3000	
				Carb. shale	0.27	J/b-2	7.30	55.30	3300	
94.10	100.25	6.15	6.15	Floor – Grey shale						
				Roof – Very coarse grained sandstone						
				Carb. shale	0.10	K/b-1	6.60	53.80	1100	
				Coal	0.38	K/C-1	10.70	28.50	3250	
				Carb. shale	0.45	K/b-2	8.10	50.60	5500	
				Coal	0.18	K/C-2	12.60	24.20	1500	
				Carb. shale	0.64	K/b-3	7.70	53.90	7400	
				Coal	0.13	K/C-3	10.40	27.30	1150	
				Carb. shale	0.58	K/b-4	8.10	47.90	6400	
				Coal	0.12	K/C-4	10.60	28.90	1050	
				Shaly coal	0.18	K/b-5	9.30	37.40	1600	
				Coal	0.10	K/C-5	13.00	17.70	800	
Carb. shale	0.14	K/b-6	8.20	47.60	1300					
Coal	0.18	K/C-6	13.50	17.80	1450					

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m.)	To (m.)								
					Carb. Shale	0.12	K/b-7	7.30	57.80	1300
					Coal	0.25	K/C-7	12.50	24.50	2150
					Carb. shale	0.18	K/b-8	7.20	60.60	2250
					Coal	0.26	K/C-8	13.50	22.80	2200
					Carb. shale	0.16	K/b-9	5.50	68.50	2050
					Coal	0.18	K/C-9	12.50	26.70	1600
					Carb. shale	0.32	K/b-10	6.30	61.20	3300
					Coal	0.81	K/C-10	11.60	21.20	7000
					Carb. shale	0.19	K/b-11	8.20	46.90	2100
					Coal	0.25	K/C-11	13.50	23.00	2000
					Shaly coal	0.25	K/b-12	9.00	42.20	2500
					Floor – Grey shale					
					Roof – Grey shale					
	103.10	107.45	4.35	4.35	Carb. shale	0.35	L/b-1	7.70	50.00	3950
					Coal	1.26	L/C-1	11.00	22.90	10000
					Shaly coal	0.19	L/b-2	9.10	39.40	1950
					Coal	0.33	L/C-2	12.00	23.90	2900
					Carb. shale	0.12	L/b-3	7.80	51.90	1500
					Coal	0.35	L/C-3	10.80	23.40	3050
					Carb. shale	0.11	L/b-4	8.20	47.90	1300
					Coal	0.35	L/C-4	11.10	26.10	3150
					Shaly coal	0.14	L/b-5	8.60	41.70	1450
					Coal	1.15	L/C-5	11.60	22.80	9200
					Floor – Grey shale					
					Roof – Grey shale					
	165.60	172.20	6.60	5.80	Coal	0.43	M/C-1	9.00	24.20	2800
					Shaly coal	0.08	M/b-1	7.30	38.40	550
					Coal, CPB	0.43	M/C-2	10.60	22.40	2450
					Carb. shale	0.20	M/b-2	6.40	49.00	1650

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m.)	To (m.)								
					Coal, CPB	4.66	M/C-3	10.00	23.10	29900
					Floor – Grey shale					
					Roof – Grey shale					
179.50	183.35		3.85	3.75	Coal	0.68	N/C-1	9.70	29.50	5350
					Shaly coal	0.12	N/b-1	7.00	47.10	900
					Coal, CPB	0.17	N/C-2	9.90	31.90	900
					Carb. shale, CPB	0.10	N/b-2	5.80	58.10	750
					Coal	0.98	N/C-3	11.40	20.60	6100
					Carb. shale, CPB	0.22	N/b-3	7.30	49.40	1800
					Coal, CB	0.20	N/C-4	11.00	27.30	950
					Carb. shale	0.15	N/b-4	7.30	47.80	1500
					Coal	0.75	N/C-5	10.90	24.40	4900
					Shaly coal	0.18	N/b-5	8.50	41.40	1300
					Coal	0.20	N/C-6	10.40	28.70	1300
					Floor – Grey shale					
					Roof – Grey shale					
189.90	195.50		5.60	5.60	Coal	0.20	O/C-1	10.50	27.70	1200
					Carb. shale	0.40	O/b-1	6.40	49.00	3650
					Coal	0.30	O/C-2	10.20	23.10	1850
					Shaly coal	0.21	O/b-2	8.00	39.00	1550
					Coal	0.38	O/C-3	7.40	26.30	2250
					Shaly coal	0.24	O/b-3	6.50	41.00	1800
					Coal	0.77	O/C-4	9.40	25.10	4650
					Shaly coal, CPB	0.18	O/b-4	7.70	37.60	1200
					Coal	0.25	O/C-5	10.40	22.20	1600
					Shaly coal	0.26	O/b-5	7.50	43.10	2000
					Coal	0.46	O/C-6	9.20	24.30	2950
					Shaly coal	0.12	O/b-6	8.20	38.60	900
					Coal	0.52	O/C-7	9.80	27.40	3200

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m)	To (m)								
					Carb. shale	0.25	O/b-7	5.00	58.20	2100
					Coal	0.86	O/C-8	10.00	23.80	5500
					Shaly coal	0.20	O/b-8	6.90	47.20	1500
					Floor – Grey shale					
					Roof – Grey shale					
	214.00	215.75	1.75	1.75	Coal	0.25	P/C-1	9.90	23.70	1550
					Carb. shale	0.32	P/b-1	3.90	60.20	3300
					Coal	0.15	P/C-2	10.40	22.50	1000
					Shaly coal	0.09	P/b-2	8.50	36.70	650
					Coal	0.94	P/C-3	10.30	19.40	6150
					Floor – Grey shale					
					Roof – Grey shale					
	216.80	219.15	2.35	2.35	Coal	1.68	Q/C-1	10.00	20.60	10500
					Shaly coal	0.09	Q/b-1	6.40	42.80	700
					Coal	0.20	Q/C-2	11.10	13.70	1100
					Shaly coal	0.08	Q/b-2	6.20	46.80	600
					Coal	0.30	Q/C-3	9.70	24.40	1800
					Floor – Grey shale					
					Roof – Grey shale					
	221.30	232.30	11.00	11.00	Coal	0.19	R/C-1	9.50	27.00	1300
					Shaly coal	0.17	R/b-1	6.40	45.90	1350
					Coal	2.29	R/C-2	9.40	24.80	15000
					Shaly coal	0.10	R/b-2	8.50	37.90	650
					Coal	0.36	R/C-3	8.80	24.60	2250
					Shaly coal	0.12	R/b-3	7.50	40.10	900
					Coal	0.16	R/C-4	10.90	22.40	1000
					Carb. shale	0.12	R/b-4	6.40	53.60	1050
					Coal	0.19	R/C-5	9.90	27.20	1250
					Shaly coal	0.12	R/b-5	6.70	44.80	950

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Coal	0.18	R/C-6	8.80	25.20	1200
					Shaly coal	0.55	R/b-6	7.90	34.20	4550
					Coal	0.90	R/C-7	9.50	27.40	5900
					Shaly coal	0.26	R/b-7	8.40	39.30	1900
					Coal	0.10	R/C-8	10.30	27.60	750
					Shaly coal	0.12	R/b-8	9.20	43.20	900
					Coal, CPB	0.43	R/C-9	11.40	22.60	2400
					Shaly coal, CPB	0.30	R/b-9	9.40	38.90	2000
					Coal	0.16	R/C-10	10.80	25.30	1100
					Shaly coal	0.10	R/b-10	6.90	42.70	800
					Coal	0.75	R/C-11	10.30	22.00	4850
					Shaly coal	0.14	R/b-11	8.70	39.10	1000
					Coal	0.65	R/C-12	9.70	27.00	4100
					Shaly coal	0.15	R/b-12	7.90	42.60	1100
					Coal	0.10	R/C-13	7.60	27.30	650
					Carb. shale	0.11	R/b-13	5.70	51.20	950
					Coal	0.16	R/C-14	9.20	27.10	1050
					Shaly coal	0.20	R/b-14	6.00	44.10	1500
					Coal	0.36	R/C-15	7.50	31.60	2700
					Carb. shale	0.13	R/b-15	6.20	52.30	1150
					Coal, CPB	0.18	R/C-16	8.70	23.10	1050
					Shaly coal	0.16	R/b-16	6.70	47.10	1250
					Coal	0.43	R/C-17	9.00	23.30	2750
					Shaly coal	0.11	R/b-17	6.20	44.30	800
					Coal	0.45	R/C-18	8.10	31.10	3000
					Floor – Grey shale					
					Roof – Grey shale					
	234.10	237.50	3.40	3.40	Coal	0.07	S/C-1	6.90	31.10	450
					Shaly coal	0.72	S/b-1	6.70	41.10	5500

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m)	To (m)								
					Coal	0.32	S/C-2	8.30	24.90	2050
					Shaly coal	0.07	S/b-2	7.60	37.70	450
					Coal	0.64	S/C-3	9.50	24.80	4050
					Shaly coal	0.21	S/b-3	7.40	42.30	1650
					Coal	0.30	S/C-4	7.80	25.90	1900
					Shaly coal	0.09	S/b-4	6.80	35.40	600
					Coal	0.44	S/C-5	9.00	26.00	3000
					Carb. shale	0.10	S/b-5	5.70	49.60	1000
					Coal	0.34	S/C-6	8.80	25.70	2250
					Shaly coal	0.10	S/b-6	6.30	39.40	700
					Floor – Grey shale					
					Roof – Grey shale					
	238.40	241.10	2.70	2.70	Coal	0.20	T/C-1	9.80	21.90	1200
					Shaly coal	0.18	T/b-1	6.00	44.90	1300
					Coal	0.44	T/C-2	8.90	24.90	2950
					Shaly coal	0.10	T/b-2	5.60	46.00	750
					Coal	0.13	T/C-3	10.50	21.10	800
					Carb. shale	0.24	T/b-3	5.20	52.10	2000
					Coal	0.60	T/C-4	8.70	25.70	4250
					Carb. shale	0.10	T/b-4	4.90	51.60	700
					Coal	0.23	T/C-5	10.20	25.60	1500
					Carb. shale	0.08	T/b-5	4.60	50.60	600
					Coal	0.40	T/C-6	10.30	23.70	2600
					Floor – Grey shale					
					Roof – Grey shale					
	243.80	245.70	1.90	1.90	Shaly coal	0.18	U/b-1	5.80	48.20	1550
					Coal	0.60	U/C-1	8.80	26.50	4050
					Shaly coal	0.19	U/b-2	5.80	45.10	1500
					Coal	0.52	U/C-2	8.20	25.90	3400

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Shaly coal	0.12	U/b-3	4.90	47.30	1150
					Coal	0.18	U/C-3	8.30	23.50	1150
					Carb. shale	0.11	U/b-4	4.70	53.30	950
					Floor – Grey shale					
					Roof – Grey shale					
	246.80	248.00	1.20	1.20	Carb. shale	0.17	V/b-1	3.80	61.30	1950
					Coal	0.12	V/C-1	7.10	34.50	800
					Carb. shale	0.33	V/b-2	5.00	53.80	3350
					Coal	0.13	V/C-2	8.70	28.90	1150
					Carb. shale	0.09	V/b-3	4.20	60.10	1000
					Coal	0.27	V/C-3	8.60	28.10	2150
					Carb. shale	0.09	V/b-4	4.20	59.10	900
					Floor – Grey shale					
					Roof – Grey shale					
	250.75	255.30	4.55	4.55	Shaly coal	0.12	W/b-1	6.40	47.30	900
					Coal	0.17	W/C-1	9.80	25.30	1150
					Carb. shale	0.10	W/b-2	5.60	53.00	950
					Coal	0.50	W/C-2	8.90	22.60	3750
					Carb. shale	0.15	W/b-3	5.60	53.60	1250
					Coal	0.50	W/C-3	8.10	27.20	3600
					Shaly coal	0.20	W/b-4	6.60	43.30	1600
					Coal	1.14	W/C-4	8.00	29.30	7500
					Shaly coal	0.16	W/b-5	7.30	40.90	1150
					Coal	0.30	W/C-5	8.20	32.00	2100
					Shaly coal	0.10	W/b-6	5.70	43.90	650
					Coal	0.46	W/C-6	9.40	23.40	3050
					Shaly coal	0.15	W/b-7	5.90	40.80	1250
					Coal	0.40	W/C-7	10.20	23.50	2600

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m)	To (m)								
					Shaly coal, CPB	0.10	W/b-8	6.20	46.50	600
					Floor – Grey shale					
					Roof – Grey shale					
255.80	264.15		8.35	8.35	Coal	0.20	X/C-1	10.00	29.30	1150
					Carb. shale	0.15	X/b-1	5.40	52.20	1300
					Coal	0.27	X/C-2	8.30	25.50	1700
					Shaly coal	0.18	X/b-2	5.60	43.20	1300
					Coal	0.42	X/C-3	8.60	25.80	2600
					Shaly coal	0.25	X/b-3	5.80	42.00	1800
					Coal	0.66	X/C-4	7.10	26.30	4200
					Shaly coal	0.17	X/b-4	6.40	34.50	1200
					Coal	0.49	X/C-5	8.60	21.10	2950
					Shaly coal	0.23	X/b-5	6.40	41.10	1850
					Coal	0.28	X/C-6	9.00	26.70	1750
					Shaly coal	0.35	X/b-6	6.30	42.60	2550
					Coal	0.26	X/C-7	9.40	27.40	1600
					Shaly coal	0.08	X/b-7	5.80	48.40	650
					Coal	0.30	X/C-8	9.80	26.20	2200
					Carb. shale	0.60	X/b-8	5.40	51.20	5300
					Coal	0.12	X/C-9	8.10	32.70	800
					Carb. shale	0.26	X/b-9	4.80	52.60	2150
					Coal	0.08	X/C-10	11.00	17.10	350
					Shaly coal, CPB	1.32	X/b-10	5.70	48.00	9700
					Coal	0.14	X/C-11	8.50	23.30	900
					Carb. shale	1.04	X/b-11	5.00	56.20	9000
					Coal	0.13	X/C-12	7.00	31.00	850
					Carb. shale	0.37	X/b-12	5.00	53.10	3100
					Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %		
	From (m.)	To (m.)									
AB - 18	264.35	264.95	0.60	0.60	Carb. shale	0.60	Y/b-1	4.10	59.40	5850	
					Floor - Grey shale						
	318.35	319.15	0.80	0.80	Carb. shale	0.80	Z/b-1	6.40	48.70	6300	
					Floor - Grey shale						
	319.75	320.40	0.65	0.65	Shaly coal	0.14	AA/b-1	5.40	53.70	1150	
					Coal	0.21	AA/C-1	8.20	27.30	1400	
					Shaly coal	0.30	AA/b-2	5.90	48.70	2350	
					Floor - Grey shale						
	21.60	22.30	0.70	0.60	Coal	0.35	A/C-1	12.1	29.9	3050	
					Carb. shale	0.08	A/b-1	7.9	54.9	850	
					Coal	0.17	A/C-2	11.7	34.2	1350	
					Floor - Carbonaceous shale						
	46.65	47.50	0.85	0.85	Coal	0.85	B/C-1	13.4	24.4	6200	
					Floor - Grey shale						
	55.80	58.50	2.70	2.70	Coal	0.30	C/C-1	4.5	33.8	2250	
					Carb. shale	0.15	C/b-1	8.5	54.3	1350	
					Coal	2.25	C/C-2	12.1	27.8	18500	
					Floor - Grey shale						
	70.30	78.45	8.15	8.15	Roof - Medium grained sandstone						
					Coal	0.68	D/C-1	12.1	24.4	5450	
					Carb. shale	0.15	D/b-1	8.7	49.0	1700	
					Coal	0.85	D/C-2	5.6	15.3	2400	
					Carb. shale	0.08	D/b-2	9.1	48.9	900	

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m.)	To (m.)								
					Coal	1.08	D/C-3	12.9	22.2	9000
					Carb. shale	0.10	D/b-3	6.6	61.0	950
					Coal	0.20	D/C-4	12.8	23.9	1750
					Carb. shale	0.08	D/b-4	6.1	64.3	900
					Coal	1.33	D/C-5	12.7	19.1	11100
					Carb. shale	0.10	D/b-5	8.8	49.5	1100
					Coal	0.22	D/C-6	13.4	19.7	1800
					Carb. shale	0.08	D/b-6	8.4	49.7	850
					Coal	1.75	D/C-7	13.1	20.6	14600
					Carb. shale	0.15	D/b-7	7.7	49.9	1500
					Coal	0.25	D/C-8	11.5	26.1	2000
					Shaly coal	0.11	D/b-8	9.2	40.0	1000
					Coal	1.44	D/C-9	12.9	24.3	12000
					Floor – Grey shale					
					Roof – Grey shale					
	79.25	80.85	1.60	1.60	Coal	0.30	E/C-1	12.3	30.5	2600
					Carb. shale	0.07	E/b-1	8.1	49.4	700
					Coal	1.23	E/C-2	12.6	28.0	9400
					Floor – Grey shale					
					Roof – Medium grained sandstone					
	93.20	94.35	1.15	1.15	Carb. shale	1.15	F/b-1	8.8	51.8	12300
					Floor – Grey shale					
					Roof – Grey shale					
	104.00	105.60	1.60	1.60	Carb. shale	0.48	G/b-1	7.6	56.3	5100
					Coal	0.15	G/C-1	9.8	33.1	1300
					Carb. shale	0.25	G/b-2	6.4	60.2	2700
					Coal	0.19	G/C-2	11.4	30.5	1800
					Carb. shale	0.20	G/b-3	6.9	59.8	2300

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m.)	To (m.)								
					Coal	0.33	G/C-3	11.4	35.5	3100
					Floor – Grey shale					
					Roof – Grey shale					
124.30	125.10		0.80	0.80	Carb. shale	0.15	H/b-1	5.2	63.4	1850
					Coal	0.14	H/C-1	8.8	32.6	1200
					Carb. shale	0.18	H/b-2	3.9	70.6	2050
					Coal	0.33	H/C-2	7.8	44.0	2900
					Floor – Very coarse grained sandstone					
					Roof – Grey shale					
126.50	127.50		1.00	1.00	Carb. shale	0.30	I/b-1	7.2	51.7	3000
					Coal	0.60	I/C-1	9.5	32.4	5100
					Carb. shale	0.10	I/b-2	3.3	76.0	900
					Floor – Grey shale					
					Roof – Medium grained sandstone					
130.65	131.85		1.20	1.20	Coal	0.12	G/C-1	10.0	27.6	900
					Shaly coal	0.15	G/b-1	8.1	43.3	1400
					Coal	0.83	G/b-2	9.8	31.2	7400
					Carb. shale	0.10	G/b-2	7.0	51.7	1150
					Floor – Grey shale					
					Roof – Grey shale					
132.65	140.40		7.75	7.75	Coal	0.42	K/C-1	11.8	30.2	3600
					Carb. shale	0.15	K/b-1	5.7	67.3	1850
					Coal	0.47	K/C-2	11.7	31.4	4200
					Carb. shale	0.48	K/b-2	5.8	64.5	5600
					Coal	0.33	K/C-3	13.0	29.2	3000
					Carb. shale	0.20	K/b-3	8.7	53.7	2300
					Coal	0.18	K/C-4	12.5	29.3	1600
					Carb. shale	0.30	K/b-4	8.4	49.1	3200
					Coal	0.18	K/C-5	10.8	35.0	1800

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m)	To (m)								
					Carb. shale	0.08	K/b-5	6.6	61.7	1050
					Coal	0.24	K/C-6	11.5	28.7	2250
					Carb. shale	0.38	K/b-6	6.5	59.0	4550
					Coal	0.96	K/C-7	10.1	33.2	8450
					Carb. shale	0.15	K/b-7	8.7	53.6	1650
					Coal	0.44	K/C-8	11.8	27.8	3800
					Carb. shale	0.08	K/b-8	6.8	55.7	900
					Coal	0.14	K/C-9	12.5	28.4	1300
					Carb. shale	0.44	K/b-9	7.6	56.2	4800
					Coal	0.26	K/C-10	12.0	25.6	2250
					Shaly coal	0.08	K/b-10	7.5	46.0	800
					Coal	0.48	K/C-11	11.9	26.8	3850
					Carb. shale	0.15	K/b-11	8.6	53.9	1850
					Coal	0.18	K/C-12	11.8	32.8	1550
					Shaly coal	0.10	K/b-12	12.5	34.2	1250
					Coal	0.35	K/C-13	12.3	28.8	3250
					Carb. shale	0.10	K/b-13	8.1	49.4	1350
					Coal	0.43	K/C-14	11.3	21.5	3600
					Floor – Grey shale					
					Roof – Grey shale					
	149.00	153.25	4.25	4.25	Coal	0.08	L/C-1	9.2	38.2	750
					Carb. shale	1.98	L/b-1	7.0	52.1	21300
					Coal	0.12	L/C-2	10.2	33.8	1000
					Carb. shale	0.43	L/b-2	6.6	56.2	4550
					Coal	0.09	L/C-3	9.5	38.1	850
					Carb. shale	0.15	L/b-3	5.2	65.8	1650
					Coal	0.15	L/C-4	10.8	30.6	1350
					Carb. shale	0.20	L/b-4	6.3	55.9	2100
					Coal	0.24	L/C-5	11.5	24.0	1850

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m)	To (m)								
					Carb. shale	0.16	L/b-5	6.7	50.4	1700
					Coal	0.25	L/C-6	9.5	36.8	2200
					Carb. shale	0.18	L/b-6	5.5	63.9	3000
					Coal	0.22	L/C-7	11.3	27.9	1800
					Floor – Grey shale					
					Roof – Grey shale					
	156.55	159.70	3.15	3.15	Coal	0.10	M/C-1	11.3	27.0	850
					Carb. shale	0.28	M/b-1	5.3	64.3	3300
					Coal	0.15	M/C-2	10.7	29.8	1350
					Carb. shale	0.92	M/b-2	6.1	53.8	10500
					Coal	0.37	M/C-3	9.9	29.9	3500
					Carb. shale	1.15	M/b-3	6.5	53.9	13400
					Coal	0.18	M/C-4	10.1	29.7	1500
					Floor – Grey shale					
					Roof – Grey shale					
	195.40	196.15	0.75	0.75	Coal	0.53	N/C-1	11.1	21.4	3200
					Carb. shale	0.22	N/b-1	4.6	55.1	1850
					Floor – Medium to coarse grained sandstone					
					Roof – Carbonaceous shale					
	204.15	208.40	4.25	4.25	Coal	0.12	O/C-1	10.0	25.4	800
					Carb. shale	0.10	O/b-1	6.5	49.2	850
					Coal	0.54	O/C-2	11.1	28.6	3150
					Shaly coal	0.10	O/b-2	7.4	47.3	800
					Coal	0.20	O/C-3	10.4	30.9	1300
					Carb. shale	0.10	O/b-3	5.7	59.0	850
					Coal	0.15	O/C-4	12.5	22.3	950
					Carb. shale	0.10	O/b-4	7.2	50.6	850
					Coal	0.85	O/C-5	10.2	28.6	5050
					Carb. shale	0.15	O/b-5	6.9	49.4	1400

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m)	To (m)								
					Coal	0.45	O/C-6	9.5	29.4	2600
					Carb. shale	0.25	O/b-6	6.9	50.9	2050
					Coal	0.70	O/C-7	10.2	23.6	4000
					Shaly coal	0.22	O/b-7	7.4	46.7	1600
					Coal	0.22	O/C-8	8.9	28.5	1350
					Floor – Grey shale					
					Roof – Grey shale					
	209.55	210.15	0.60	0.60	Carb. shale	0.18	P/b-1	7.3	55.9	1550
					Coal	0.16	P/C-1	10.7	29.7	1000
					Carb. shale	0.23	P/b-2	7.3	48.6	1950
					Floor – Grey shale					
					Roof – Grey shale					
	220.75	223.05	2.30	2.30	Carb. shale	1.07	Q/b-1	6.9	58.5	8400
					Coal	0.50	Q/C-1	9.5	37.6	3150
					Carb. shale	0.17	Q/b-2	7.1	54.2	1450
					Coal	0.12	Q/C-2	10.6	33.0	850
					Shaly coal	0.30	Q/b-3	10.3	40.7	2450
					Coal	0.14	Q/C-3	10.3	28.5	950
					Floor – Grey shale					
					Roof – Sandstone					
	240.85	243.30	2.45	2.45	Carb. shale	0.12	R/b-1	4.8	59.4	1000
					Coal, CPB	0.20	R/C-1	8.4	31.1	1050
					Shaly coal	0.73	R/b-2	7.3	46.8	5700
					Coal, CPB	0.50	R/C-2	7.9	35.7	3000
					Shaly coal	0.12	R/b-3	7.0	46.2	850
					Coal	0.23	R/C-3	8.5	33.8	2350
					Carb. shale	0.12	R/b-4	5.2	60.3	1000
					Coal, CPB	0.32	R/C-4	8.6	30.3	1850

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m.)	To (m.)								
					Shaly coal	0.11	R/b-5	6.1	47.4	900
						Floor - Shale				
						Roof - Shale				
	259.40	260.35	0.95	0.95	Carb. shale	0.24	S/b-1	4.5	61.1	1850
					Coal	0.66	S/C-1	7.7	29.6	4000
						Floor - Shale				
						Roof - Shale				
	261.10	268.20	7.10	7.00	Carb. shale, CPB	0.20	T/b-1	4.1	65.4	1650
					Coal	0.19	T/C-1	7.9	33.2	1000
					Carb. shale	0.42	T/b-2	4.6	62.0	3650
					Coal, CPB	1.06	T/C-2	6.5	34.5	6450
					Shaly coal	0.26	T/b-3	6.8	41.9	1750
					Coal	0.12	T/C-3	9.0	27.7	750
					Carb. shale	0.14	T/b-4	4.9	57.5	1250
					Coal	0.36	T/C-4	7.6	31.6	2300
					Carb. shale	0.25	T/b-5	3.9	68.6	2150
					Coal	0.16	T/C-5	9.4	21.4	900
					Carb. shale	0.18	T/b-6	3.8	68.2	1550
					Coal	0.10	T/C-6	8.5	26.1	600
					Carb. shale, CPB	0.10	T/b-7	5.6	51.6	800
					Coal	0.49	T/C-7	8.2	30.8	3100
					Carb. shale	0.29	T/b-8	5.1	62.0	2600
					Coal	0.14	T/C-8	11.6	27.3	850
					Carb. shale	0.25	T/b-9	4.9	66.5	1700
					Coal	0.18	T/C-9	12.4	22.1	1100
					Carb. shale	0.40	T/b-10	5.7	58.7	3450
					Coal, CPB	0.30	T/C-10	9.6	30.0	1600
					Carb. shale	0.13	T/b-11	6.4	49.3	1100
					Coal	0.28	T/C-11	10.9	29.6	1850

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m)	To (m)								
					Carb. shale	0.45	T/b-12	5.7	60.2	3900
					Sandy shale, CPB	0.55	Not sampled			4800
					Floor - Shale					
					Roof - Shale					
274.25	277.40		3.15	3.15	Sideritic shale	0.06	Not sampled			500
					Carb. shale	0.08	U/b-1	5.3	57.4	750
					Coal	0.08	U/C-1	8.6	34.8	600
					Carb. shale	0.20	U/b-2	3.9	69.8	1700
					Coal	0.15	U/C-2	10.0	33.9	1050
					Carb. shale	0.23	U/b-3	8.1	47.0	2000
					Coal	0.11	U/C-3	10.3	26.7	700
					Carb. shale	0.47	U/b-4	5.9	57.9	4250
					Coal	0.18	U/C-4	11.4	27.1	1150
					Carb. shale	0.21	U/b-5	4.2	69.1	1800
					Coal	0.75	U/C-5	11.0	26.9	4500
					Carb. shale	0.22	U/b-6	5.6	63.8	2150
					Coal	0.31	U/C-6	11.5	31.0	2000
					Sandy shale	0.10	Not sampled			1050
					Floor - Shale					
					Roof - Shale					
281.15	284.30		3.15	3.15	Carb. shale	0.07	V/b-1	3.9	69.7	600
					Coal	0.95	V/C-1	12.1	24.6	5950
					Shaly coal	0.07	V/b-2	9.6	42.9	500
					Coal	0.20	V/C-2	14.2	23.8	1350
					Carb. shale	0.17	V/b-3	7.2	52.6	1450
					Coal	0.37	V/C-3	11.7	24.6	2450
					Carb. shale	0.07	V/b-4	6.3	56.2	650
					Coal	0.08	V/C-4	10.0	29.4	550
					Sideritic shale	0.05	Not sampled			550

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m)	To (m)								
					Coal	1.02	V/C-5	11.2	24.2	6500
					Carb. shale	0.10	V/b-5	4.2	57.9	850
					Floor – Shale					
					Roof - Sandstone					
	375.95	391.90	15.95	15.95	Coal	0.12	W/C-1	6.2	31.1	750
					Carb. shale	0.16	W/b-1	4.8	50.7	1200
					Coal	0.18	W/C-2	6.0	34.1	1200
					Carb. shale	0.24	W/b-2	5.5	51.2	1800
					Coal	0.13	W/C-3	6.0	30.1	850
					Shaly coal	0.09	W/b-3	5.8	42.0	600
					Coal	0.52	W/C-4	6.6	28.6	3250
					Shaly coal	0.16	W/b-4	6.0	40.8	1200
					Coal	2.05	W/C-5	7.3	26.1	11700
					Shaly coal	0.16	W/b-5	5.4	41.3	1200
					Coal	4.60	W/C-6	7.1	23.6	25900
					Shaly coal	0.14	W/b-6	5.2	42.7	1000
					Coal	0.48	W/C-7	6.4	29.3	2850
					Shaly coal	0.14	W/b-7	3.9	43.7	1050
					Coal	1.90	W/C-8	6.4	24.8	10800
					Shaly coal	0.10	W/b-8	4.0	47.9	700
					Coal, CPB	2.85	W/C-9	6.5	20.0	16000
					Shaly coal	0.45	W/b-9	5.2	40.5	3200
					Coal	0.35	W/C-10	6.6	24.0	2000
					Shaly coal	0.24	W/b-10	4.1	49.6	1750
					Coal, CPB	0.35	W/C-11	5.0	30.7	2000
					Shaly coal	0.28	W/b-11	3.9	49.3	2000
					Coal	0.26	W/C-12	5.5	32.9	1500
					Floor – Sandstone					

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m)	To (m)								
Roof - Shale										
392.90	401.00	8.10	8.10	Carb. Shale	0.25	X/b-1	2.8	65.2	2300	
				Coal	0.55	X/C-1	5.1	32.2	3800	
				Shaly coal	0.23	X/b-2	5.5	41.6	1600	
				Coal	0.60	X/C-2	6.7	21.6	3750	
				Shaly coal	0.15	X/b-3	5.1	42.6	1100	
				Coal	0.25	X/C-3	5.2	30.3	2100	
				Shaly coal	0.15	X/b-4	5.2	43.7	1100	
				Coal	0.26	X/C-4	5.1	31.7	1750	
				Shaly coal	0.46	X/b-5	5.2	41.1	3350	
				Coal	0.32	X/C-5	7.2	29.2	2000	
				Carb. shale	0.15	X/b-6	4.6	51.1	1250	
				Coal	0.17	X/C-6	6.0	35.6	1250	
				Shaly coal	0.20	X/b-7	4.7	46.9	1450	
				Coal	0.15	X/C-7	6.4	23.2	900	
				Shaly coal	0.17	X/b-8	5.3	33.9	1150	
				Coal	0.40	X/C-8	7.3	17.6	2500	
				Shaly coal	0.20	X/b-9	3.9	45.7	1500	
				Coal	0.48	X/C-9	6.6	30.5	3150	
				Shaly coal	0.11	X/b-10	4.4	48.1	800	
				Coal	1.74	X/C-10	5.8	25.4	10800	
				Shaly coal	0.12	X/b-11	4.9	40.7	800	
				Coal	0.15	X/C-11	5.5	29.5	1050	
				Shaly coal	0.24	X/b-12	4.6	48.7	1750	
				Coal	0.33	X/C-12	6.3	26.9	2250	
				Shaly coal	0.07	X/b-13	3.7	49.5	500	
				Coal	0.20	X/C-13	5.6	23.6	1250	
Floor – Sandstone										
Roof - Shale										

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m)	To (m)								
	402.20	402.90	0.70	0.70	Carb. shale	0.15	Y/b-1	3.3	58.3	1150
					Coal	0.55	Y/C-1	6.9	21.8	3800
							Floor - Shale			
							Roof - Shale			
	407.80	408.75	0.95	0.95	Coal	0.15	Z/C-1	5.8	28.2	900
					Shaly coal	0.50	Z/b-1	4.3	48.0	3800
					Coal	0.30	Z/C-2	6.1	26.1	1750
							Floor - Sandstone			
							Roof - Sandstone			
	421.00	422.40	1.40	1.40	Coal, CPB	0.30	AA/C-1	6.5	28.1	1300
					Shaly coal	0.21	AA/b-1	4.6	46.9	1300
					Coal, CPB	0.44	AA/C-2	6.5	22.3	2250
					Carb. shale	0.34	AA/b-2	3.6	53.5	2650
					Coal	0.11	AA/C-3	6.7	23.4	650
							Floor - Sandstone			
							Roof - Shale			
	435.70	440.00	4.30	4.30	Coal	0.12	BB/C-1	6.2	32.0	850
					Shaly coal	0.45	BB/b-1	5.6	44.3	3700
					Coal	0.28	BB/C-2	5.6	25.8	1800
					Shaly coal	0.16	BB/b-2	5.1	40.4	1200
					Coal	0.20	BB/C-3	5.8	24.9	1400
					Shaly coal	0.12	BB/b-3	4.7	41.3	900
					Coal	0.27	BB/C-4	5.5	29.0	1800
					Shaly coal	0.26	BB/b-4	4.7	39.4	1850
					Coal	0.45	BB/C-5	5.5	26.9	2800
					Shaly coal	0.18	BB/b-5	4.9	40.0	1400
					Coal	0.44	BB/C-6	5.4	28.8	2800
					Shaly coal	0.50	BB/b-6	4.8	45.7	3550

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m)	To (m)								
AB - 19	447.45	448.35	0.90	0.90	Coal	0.87	BB/C-7	6.7	26.4	5950
					Floor - Shale					
					Roof - Shale					
					Coal	0.08	CC/C-1	5.0	36.2	550
					Carb. shale	0.20	CC/b-1	3.0	62.1	2200
	48.55	51.40	2.85	2.65	Coal	0.62	CC/C-2	6.8	23.1	4100
					Floor - Shale					
					Roof - Fine grained sandstone					
					Carb. shale	0.07	A/b-1	5.5	53.8	750
					Coal	0.29	A/C-1	7.5	35.0	2900
					Carb. shale	0.15	A/b-2	6.3	50.5	1800
					Coal	0.22	A/C-2	9.4	25.9	2200
					Carb. shale	0.52	A/b-3	4.8	65.2	7100
					Coal	0.25	A/C-3	9.0	30.9	2300
					Carb. shale	0.10	A/b-4	6.4	50.6	1300
					Coal	0.34	A/C-4	8.9	28.0	2600
					Carb. shale	0.08	A/b-5	5.8	56.1	1000
					Coal	0.48	A/C-5	8.7	31.1	4100
					Carb. shale	0.15	A/b-6	6.0	55.1	1750
					Floor - Grey shale					
					Roof - Grey shale					
	110.00	115.50	5.50	5.50	Coal	0.28	B/C-1	9.1	29.3	3300
					Carb. shale	0.22	B/b-1	5.6	59.1	3100
					Coal	0.34	B/C-2	9.4	29.3	3600
					Carb. shale	0.42	B/b-2	5.9	60.0	6200
					Coal	0.60	B/C-3	8.4	30.3	6300
					Carb. shale	0.23	B/b-3	5.2	64.8	3000
					Coal	0.22	B/C-4	8.4	31.5	2450
					Carb. shale	0.26	B/b-4	6.1	54.6	3600

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Grms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m.)	To (m.)								
					Coal	0.57	B/C-5	8.7	31.0	6000
					Carb. shale	0.32	B/b-5	5.3	64.4	4600
					Coal	0.08	B/C-6	7.0	41.3	1000
					Carb. shale	0.18	B/b-6	4.7	69.2	2700
					Coal	0.42	B/C-7	9.0	26.4	4300
					Shaly coal	0.23	B/b-7	7.7	42.6	2700
					Coal	0.29	B/C-8	8.9	28.4	3200
					Carb. shale	0.22	B/b-8	5.5	63.2	3100
					Coal	0.62	B/C-9	8.4	30.6	6800
					Floor – Grey shale					
					Roof – Grey shale					
	116.00	116.65	0.65	0.65	Coal	0.65	C/C-1	8.5	31.1	6800
					Floor – Grey shale					
					Roof – Grey shale					
	147.85	148.50	0.65	0.65	Carb. shale	0.32	D/b-1	6.0	55.3	4200
					Coal	0.33	D/C-1	8.5	27.0	2900
					Floor – Grey shale					
					Roof – Grey shale					
	168.90	171.50	2.60	2.52	Carb. shale	0.12	E/b-1	4.5	60.7	1500
					Coal	0.38	E/C-1	7.2	31.9	3350
					Carb. shale	0.22	E/b-2	5.0	56.4	2200
					Coal	0.42	E/C-2	8.1	29.0	3100
					Carb. shale	0.17	E/b-3	4.3	66.4	2000
					Coal	0.15	E/C-3	7.6	29.5	1100
					Carb. shale	0.14	E/b-4	3.6	71.9	1650
					Coal	0.78	E/C-4	8.0	24.0	6400
					Carb. shale	0.14	E/b-5	4.7	58.1	1650
					Floor – Grey shale					

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m.)	To (m.)								
174.15	177.35	3.20	2.60	Roof – Grey shale						
				Coal	0.70	F/C-1	7.0	27.7	5150	
				Carb. shale	0.24	F/b-1	4.8	55.4	2400	
				Coal	0.62	F/C-2	7.8	27.1	4700	
				Carb. shale	0.10	F/b-2	5.5	50.9	1200	
				Coal	0.94	F/C-3	7.4	29.2	7000	
256.80	257.80	1.00	1.00	Floor – Grey shale						
				Roof – Grey shale						
				Coal	0.28	G/C-1	9.0	15.4	1550	
				Grey shale	0.13	Not sampled			1550	
				Coal	0.45	G/C-2	7.9	25.9	4000	
				Shaly coal	0.14	G/b-1	5.6	49.3	1700	
293.30	321.00	27.70	26.50	Floor – Grey shale						
				Roof – Grey shale						
				Coal	0.40	H/C-1	7.9	24.8	3100	
				Shaly coal	0.21	H/b-1	6.4	39.5	2050	
				Coal	0.44	H/C-2	7.2	29.3	3900	
				Shaly coal	0.26	H/b-2	5.7	44.8	2350	
				Coal	2.00	H/C-3	7.9	21.3	17000	
				Shaly coal	0.15	H/b-3	6.1	39.7	1200	
				Coal	2.90	H/C-4	7.3	25.0	23500	
				Shaly coal	0.11	H/b-4	5.5	41.6	1050	
				Coal	3.93	H/C-5	7.7	22.6	34500	
				Carb. shale	0.08	H/b-5	4.5	54.6	1000	
				Coal	1.20	H/C-6	7.4	27.5	10050	
				Shaly coal	0.14	H/b-6	5.0	47.3	1500	
				Coal	0.60	H/C-7	7.0	30.9	5400	
				Carb. shale	0.12	H/b-7	5.8	50.6	1300	
				Coal	1.34	H/C-8	7.3	23.5	11500	

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m)	To (m)								
					Shaly coal	0.20	H/b-8	5.7	42.2	1200
					Coal	1.82	H/C-9	7.7	21.9	15500
					Shaly coal	0.13	H/b-9	5.7	39.9	1050
					Coal	0.80	H/C-10	7.2	23.1	6700
					Shaly coal	0.18	H/b-10	6.1	43.3	1500
					Coal	0.53	H/C-11	7.0	30.2	4600
					Shaly coal	0.30	H/b-11	5.6	44.0	1750
					Coal	0.38	H/C-12	7.8	23.0	3000
					Shaly coal	0.28	H/b-12	5.3	48.0	2800
					Coal	0.40	H/C-13	7.8	28.5	3400
					Carb. shale	0.45	H/b-13	3.6	63.7	5000
					Coal	0.78	H/C-14	6.7	33.8	7600
					Shaly coal	0.20	H/b-14	5.8	47.4	1750
					Coal	0.70	H/C-15	7.3	27.6	6050
					Shaly coal	0.23	H/b-15	5.4	45.6	2200
					Coal	0.40	H/C-16	7.6	21.3	3300
					Shaly coal	0.12	H/b-16	5.8	35.9	1050
					Coal	0.48	H/C-17	6.6	27.2	4350
					Shaly coal	0.10	H/b-17	5.5	42.5	1000
					Coal	0.45	H/C-18	6.0	27.9	3600
					Shaly coal	0.10	H/b-18	6.0	41.1	950
					Coal	0.28	H/C-19	5.5	30.2	2200
					Shaly coal	0.15	H/b-19	4.9	48.3	1750
					Coal	0.28	H/C-20	6.1	35.5	2900
					Shaly coal	0.26	H/b-20	6.1	42.1	2700
					Coal	0.93	H/C-21	6.5	31.5	8200
					Carb. shale	0.25	H/b-21	4.3	52.6	2800
					Coal	0.76	H/C-22	5.5	31.5	6000
					Carb. shale	0.23	H/b-22	4.0	55.8	2600

DETAILS SUPPLIED BY THE PARTY				DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology	Thickness (m.)		Moist %	Ash %	
	From (m)	To (m)								
					Coal	0.38	H/C-23	5.6	34.3	3000
					Floor – Coarse grained sandstone					
					Roof – Coarse grained sandstone					
	321.50	322.50	1.00	0.95	Coal	0.43	I/C-1	7.2	30.4	3600
					Shaly coal	0.25	I/b-1	5.2	45.5	2300
					Coal	0.17	I/C-2	7.3	24.8	1300
					Floor – Grey shale					
					Roof – Grey shale					
	327.00	330.35	3.35	3.35	Carb. shale	0.10	J/b-1	3.9	53.3	1200
					Coal	0.25	J/C-1	7.8	26.0	2600
					Shaly coal	0.12	J/b-2	4.8	46.3	1300
					Coal	0.20	J/C-2	8.3	24.4	1600
					Shaly coal	1.13	J/b-3	6.0	43.4	1200
					Coal	0.25	J/C-3	9.4	18.6	2100
					Shaly coal	0.19	J/b-4	4.9	47.0	2100
					Coal	0.40	J/C-4	8.2	21.9	3350
					Shaly coal	0.18	J/b-5	5.0	49.0	2000
					Coal	0.38	J/C-5	8.8	23.7	3600
					Carb. shale	0.20	J/b-6	4.9	53.3	2400
					Coal	0.95	J/C-6	7.4	28.2	9200
					Floor – Grey shale					
					Roof – Sandstone					
	352.40	357.65	5.25	5.25	Coal	0.18	K/C-1	8.6	27.3	1500
					Shaly coal	0.22	K/b-1	5.4	49.4	2550
					Coal	0.15	K/C-2	7.8	31.6	1300
					Shaly coal	0.25	K/b-2	5.3	46.2	2700
					Coal	0.33	K/C-3	6.9	28.6	3350
					Shaly coal	0.26	K/b-3	5.6	41.3	2600
					Coal	0.55	K/C-4	6.8	29.8	5000

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m)	To (m)								
					Shaly coal	0.16	K/b-4	4.8	43.6	1700
					Coal	0.69	K/C-5	7.0	27.7	6250
					Shaly coal	0.17	K/b-5	5.0	46.1	1800
					Coal	0.99	K/C-6	7.3	29.9	9050
					Carb. shale	0.22	K/b-6	4.6	53.3	2450
					Coal	1.08	K/C-7	8.2	19.1	8100
					Floor – Sandstone					
					Roof – Grey shale					
	378.10	385.10	7.00	7.00	Coal	0.15	L/C-1	6.8	22.6	1150
					Carb. shale	0.11	L/b-1	3.1	62.9	1450
					Coal	0.32	L/C-2	8.4	16.8	2400
					Carb. shale	0.34	L/b-2	3.3	63.7	4450
					Coal	0.43	L/C-3	6.9	26.6	4000
					Shaly coal	0.16	L/b-3	4.2	49.3	1950
					Coal	1.90	L/C-4	8.7	19.1	16500
					Shaly coal	0.13	L/b-4	5.0	49.1	1500
					Coal	2.92	L/C-5	8.4	19.0	25600
					Carb. shale	0.25	L/b-5	4.7	55.6	2950
					Coal	0.29	L/C-6	7.8	26.9	2600
					Floor – Carbonaceous sandstone					
					Roof – Grey shale					
	390.25	401.50	11.25	11.25	Shaly coal	0.22	M/b-1	5.6	45.6	2350
					Coal	2.26	M/C-1	7.5	23.7	19500
					Shaly coal	0.27	M/b-2	5.9	40.0	2850
					Coal	0.33	M/C-2	7.8	22.4	2900
					Shaly coal	0.14	M/b-3	5.3	41.9	1450
					Coal	0.17	M/C-3	7.6	27.2	1600
					Shaly coal	0.18	M/b-4	5.0	47.0	2050
					Coal	0.82	M/C-4	7.6	24.2	7550

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m)	To (m)								
					Shaly coal	0.16	M/b-5	6.1	34.0	1500
					Coal	0.35	M/C-5	8.8	24.9	3250
					Shaly coal	0.12	M/b-6	6.8	47.1	1400
					Coal	0.54	M/C-6	8.1	25.2	4850
					Carb. shale	0.12	M/b-7	5.3	51.0	1500
					Coal	0.58	M/C-7	7.7	27.4	5300
					Shaly coal	0.33	M/b-8	6.2	43.3	2600
					Coal	1.39	M/C-8	7.5	25.8	12100
					Shaly coal	0.15	M/b-9	5.5	46.0	1700
					Coal	0.22	M/C-9	8.5	24.1	2000
					Shaly coal	0.26	M/b-10	5.2	49.1	3200
					Coal	0.20	M/C-10	7.2	32.8	1700
					Shaly coal	0.23	M/b-11	5.0	45.9	2000
					Coal	0.40	M/C-11	8.0	24.2	3450
					Shaly coal	0.22	M/b-12	5.7	47.7	2450
					Coal	0.46	M/C-12	8.3	24.5	4100
					Shaly coal	0.08	M/b-13	5.8	47.6	1000
					Coal	0.68	M/C-13	8.7	23.2	5700
					Shaly coal	0.13	M/b-14	6.3	39.3	1300
					Coal	0.14	M/C-14	9.6	26.0	1050
					Sideritic shale	0.20	Not sampled			2400
					Floor – Coarse grained sandstone					
					Roof – Grey shale					
	404.70	410.20	5.50	5.50	Shaly coal	0.50	N/b-1	5.4	44.5	5100
					Coal	0.60	N/C-1	7.9	26.1	5200
					Shaly coal	0.20	N/b-2	6.8	39.7	1900
					Coal	0.54	N/C-2	8.6	23.4	4050
					Shaly coal	0.26	N/b-3	6.1	38.3	2450
					Coal	0.62	N/C-3	8.8	19.7	4550

DETAILS SUPPLIED BY THE PARTY			DETAILS OBSERVED AT CSL			C.F.R.I. Sample No.	AS ANALYSED BASIS		WEIGHT (Gms.)	
B. H. No.	Run		Thickness (m.)	Recovery (m.)	Lithology		Thickness (m.)	Moist %		Ash %
	From (m.)	To (m.)								
					Shaly coal	0.27	N/b-4	5.4	44.5	2700
					Coal	0.64	N/C-4	7.3	24.0	5750
					Shaly coal	0.20	N/b-5	5.8	36.3	1800
					Coal	0.44	N/C-5	7.3	24.8	3850
					Shaly coal	0.12	N/b-6	4.9	45.7	1200
					Coal	0.18	N/C-6	6.4	28.5	1700
					Shaly coal	0.15	N/b-7	4.6	47.6	1800
					Coal	0.28	N/C-7	7.5	22.6	2450
					Shaly coal	0.08	N/b-8	4.7	49.1	800
					Coal	0.42	N/C-8	7.4	26.1	3600
					Floor – Fine grained sandstone					
					Roof – Fine grained sandstone					
	411.50	418.90	7.40	7.40	Shaly coal	0.16	O/b-1	7.0	42.1	1600
					Coal	0.74	O/C-1	7.8	23.0	6150
					Carb. shale	0.42	O/b-2	4.6	53.9	4900
					Coal	0.20	O/C-2	7.2	22.2	1900
					Shaly coal	0.28	O/b-3	5.3	40.8	2700
					Coal	1.80	O/C-3	6.7	26.7	15000
					Shaly coal	0.16	O/b-4	5.3	48.6	1750
					Coal	0.48	O/C-4	7.5	26.4	4100
					Shaly coal	0.17	O/b-5	5.1	39.1	1500
					Coal	0.92	O/C-5	9.1	25.3	7800
					Shaly coal	0.24	O/b-6	5.2	46.1	2500
					Coal	0.45	O/C-6	8.5	27.7	3650
					Shaly coal	0.25	O/b-7	6.1	38.2	2450
					Coal	0.33	O/C-7	9.3	21.6	2600
					Shaly coal	0.20	O/b-8	5.3	41.8	2150
					Coal	0.60	O/C-8	7.5	20.7	5050
					Floor – Grey shale					

**OVERALL ANALYSIS OF COAL SEAMS INTERSECTED IN BOREHOLES
AB-1 TO AB-19 IN BANHARDI SECTOR, AURANGA COALFIELD
PALAMAU DISTRICT, BIHAR**

(As received from Coal Survey Laboratory, Ranchi)

Drilling Party : G. S. I.
Coalfield : Auranga

Block : Banhardi

Borehole No.- AB – 1

Depth from Surface		Thick- ness (m)	Seam (as stated by the party)	CFRI Seam overall Sample No.	Proximate analysis (at 60 % RH & 40 C)			
From (m)	To (m)				Moist (%)	Ash (%)	VM (%)	F.C. (%)
1	2	3	4	5	6	7	8	9
75.15	76.29	1.14	–	A(C ₁ -C ₂)Bcs	9.0	28.6	28.0	34.4
“	“	“	“	A(C ₁ -C ₂)I	7.8	36.4	25.5	30.3
78.76	79.67	0.91	–	B(b ₁ -C ₁)I	10.2	27.1	28.1	34.6
88.78	91.46	2.68	–	C(C ₁ -C ₂)Bcs	9.4	26.8	28.9	34.9
“	“	“	“	C(C ₁ -C ₂)I	9.2	30.5	29.4	30.9
105.02	111.96	6.94	–	D(C ₁ -C ₂)Bcs	9.5	24.6	30.2	35.7
“	“	“	“	D(C ₁ -C ₂)I	9.1	27.0	29.6	34.3
142.82	143.90	1.08	–	G(C ₁ -b ₃)Bcs	9.4	34.6	24.2	31.8
“	“	“	“	G(C ₁ -b ₃)I	8.4	43.3	21.4	26.9
236.90	241.55	4.65	–	H(C ₁ -C ₇)Bcs	9.3	29.9	28.1	32.7
“	“	“	“	H(C ₁ -C ₇)I ₃₀	8.9	32.5	27.5	31.1
315.70	319.83	4.13	–	J(C ₁ -b ₈)Bcs	8.7	31.5	25.2	34.6
“	“	“	“	J(C ₁ -b ₈)I	8.4	33.3	24.7	33.6

Borehole No. AB – 2

135.20	137.45	2.25	–	A(C ₁ -C ₄)Bcs	9.3	31.6	25.1	34.0
“	“	“	“	A(C ₁ -C ₄)I	7.9	40.2	23.8	28.1
140.97	144.97	4.00	–	B(b ₁ -C ₅)Bcs	10.4	23.4	28.7	37.5
“	“	“	“	B(b ₁ -C ₅)I	9.4	29.9	26.8	33.9
151.92	153.02	1.10	–	C	9.6	23.5	30.3	36.6
160.74	161.88	1.14	–	D(C ₁ -C ₃)Bcs	8.8	30.7	28.2	32.3
“	“	“	“	D(C ₁ -C ₃)I	8.2	37.6	25.8	28.4
162.15	166.48	4.33	–	E(C ₁ -C ₇)Bcs	10.4	22.1	30.2	37.3
“	“	“	“	E(C ₁ -C ₇)I	9.7	28.4	27.8	34.1
173.85	177.15	3.30	–	F(C ₁ -C ₈)Bcs	8.9	34.1	26.5	30.5
“	“	“	“	F(C ₁ -C ₈)I	8.4	37.5	25.3	28.8

1	2	3	4	5	6	7	8	9
290.15	303.08	12.93	–	I(b ₁ -C ₂₀)Bcs	7.4	35.5	25.4	31.7
“	“	“		I(b ₁ -C ₂₀)I	7.3	41.2	23.9	27.6
317.50	320.32	2.82	–	L(C ₁ -b ₃)I	7.3	47.5	23.0	22.2
362.95	367.14	4.19	–	M(C ₁ -C ₅)Bcs	9.5	26.3	26.0	38.2
“	“	“		M(C ₁ -C ₅)I	8.2	32.5	24.3	35.0
367.85	370.85	3.00	–	N(C ₁ -C ₅)Bcs	9.3	26.3	27.3	37.1
“	“	“		N(C ₁ -C ₅)I	7.5	42.5	22.2	27.8
387.95	388.97	1.02	–	P(C ₁ -C ₂)I	8.4	38.5	23.9	29.2
439.15	440.35	1.20	–	R(b ₁ -C ₁)I	6.3	44.1	22.1	27.5

Borehole No. - AB – 3

330.48	331.60	1.12	–	B(C ₁ -C ₂)I	8.5	46.2	22.1	23.2
363.67	364.82	1.15	–	C(C ₁ -b ₂)I	9.6	30.8	25.5	34.1
546.90	548.30	1.40	–	E	10.8	23.5	28.0	37.7
616.26	617.50	1.24	–	H(b ₁ -C ₃)I	7.3	37.1	26.1	29.5

Borehole No. - AB – 4

22.21	28.00	5.79	V	A(C ₁ -C ₁₃)Bcs	11.0	31.1	25.5	32.4
“	“	“	“	A(C ₁ -C ₁₃)I	8.1	46.1	22.1	23.7
42.27	43.20	0.93	V	B(C ₁ -C ₂)I	7.1	46.3	21.4	25.2
47.05	49.50	2.45	V	C(C ₁ -C ₃)Bcs	9.1	29.4	26.4	35.1
“	“	“	“	C(C ₁ -C ₃)I	7.9	35.8	25.1	31.2
143.20	161.70	18.50	III	G(C ₁ -C ₄)Bcs	9.3	26.8	27.2	36.7
“	“	“	“	G(C ₁ -C ₄)I	8.5	30.4	26.5	34.6
167.05	174.90	7.85	III	H(C ₁ -C ₁₁)Bcs	8.9	29.3	26.5	35.3
“	“	“	“	H(C ₁ -C ₁₁)I	7.9	35.9	24.5	31.7
189.90	192.50	2.60	III	K(C ₁ -b ₅)Bcs	9.1	29.4	25.7	35.8
“	“	“	“	K(C ₁ -b ₅)I	7.7	39.6	22.4	30.3
250.90	266.10	15.20	II	M(C ₁ -C ₁₆)Bcs	8.4	28.8	27.6	35.2
“	“	“	“	M(C ₁ -C ₁₆)I	7.8	31.3	27.0	33.9
269.00	273.90	4.90	II	N(b ₁ -C ₆)Bcs	7.2	32.2	26.6	34.0
“	“	“	“	N(b ₁ -C ₆)I	6.3	39.6	24.1	30.0
274.93	278.50	3.57	II	O(C ₁ -C ₅)I	6.7	35.4	24.8	33.1

1	2	3	4	5	6	7	8	9
279.10	289.98	10.88	II	P(C ₁ -C ₂₅)Bcs	8.3	29.7	26.3	35.7
"	"	"	"	P(C ₁ -C ₂₅)I	7.7	32.2	25.9	34.2
<u>Borehole No. - AB - 5</u>								
21.90	23.10	1.20	-	B(C ₁ -C ₄)I	8.8	41.5	23.2	26.5
24.10	25.25	1.15	-	C(C ₁ -C ₃)I	8.8	41.2	23.8	26.2
37.35	38.75	1.40	-	D(C ₁ -C ₂)I	9.5	31.7	26.2	32.6
44.95	49.30	4.35	-	E(C ₁ -C ₁₁)Bcs	9.9	31.0	25.5	33.6
"	"	"		E(C ₁ -C ₁₁)I	8.8	33.7	24.8	32.7
73.50	74.90	1.40	-	F(C ₁ -b ₃)I	7.9	41.0	23.6	27.5
232.22	235.50	3.28	-	G(C ₁ -C ₃)Bcs	10.7	24.4	27.4	37.5
"	"	"		G(C ₁ -C ₃)I	10.2	30.4	26.1	33.1
253.05	255.25	2.20	-	I(b ₁ -C ₂)Bcs	10.6	21.9	29.9	37.6
"	"	"		I(b ₁ -C ₂)I	10.3	25.9	28.8	35.6
264.70	269.40	4.70	-	J(C ₁ -C ₆)Bcs	10.4	21.0	30.8	37.8
"	"	"		J(C ₁ -C ₆)I	9.9	25.9	28.6	35.6
269.40	275.40	6.00	-	J(C ₇ -C ₁₁)Bcs	10.5	24.6	29.5	35.4
"	"	"		J(C ₇ -C ₁₁)I	9.4	28.3	28.6	33.7
264.70	275.40	10.70	-	J(C ₁ -C ₁₁)Bcs	10.0	23.1	30.3	36.6
"	"	"		J(C ₁ -C ₁₁)I	9.6	28.1	28.5	33.8
289.39	290.30	0.91	-	L(C ₁ -C ₃)I	8.1	41.7	24.5	25.7
312.65	315.25	2.60	-	N(b ₁ -C ₄)Bcs	10.1	33.9	23.7	32.3
"	"	"		N(b ₁ -C ₄)I	8.7	43.9	21.0	26.4
376.46	377.96	1.50	-	O(C ₁ -C ₄)I	9.1	31.8	25.4	33.7
414.08	416.45	2.37	-	R(C ₁ -C ₅)Bcs	8.9	29.8	26.5	34.8
"	"	"		R(C ₁ -C ₅)I	7.7	42.6	22.7	27.0
419.30	420.22	0.92	-	T(C ₁ -C ₂)I	9.1	30.7	26.6	33.6
424.70	433.50	8.80	-	U(C ₁ -b ₁₃)Bcs	8.6	28.2	28.8	34.4
"	"	"		U(C ₁ -b ₁₃)I	7.2	44.9	22.5	25.4
434.85	436.35	1.50	-	V(C ₁ -b ₄)I	7.6	41.4	23.0	28.0
436.70	445.10	8.40	-	W(b ₁ -b ₁₄)Bcs	8.1	34.8	25.1	32.0
"	"	"		W(b ₁ -b ₁₄)I	6.7	47.0	21.5	24.8

1	2	3	4	5	6	7	8	9
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Borehole No. - AB - 6

28.35	32.00	3.65	—	B(C ₁ -C ₉)Bcs	9.1	31.7	26.5	32.7
"	"	"		B(C ₁ -C ₉)I	8.4	48.8	20.7	22.1
47.87	49.76	1.89	—	D(C ₁ -C ₂)Bcs	9.3	27.5	27.8	35.4
"	"	"		D(C ₁ -C ₂)I	8.3	35.1	25.1	31.5
53.70	56.47	2.77	—	E(C ₁ -C ₃)Bcs	9.8	24.9	26.9	38.4
"	"	"		E(C ₁ -C ₃)I	9.1	29.9	25.7	35.3
127.05	128.00	0.95	—	F(C ₁ -b ₂)I	6.3	39.8	27.0	26.4
154.45	155.65	1.20	—	H(C ₁ -C ₂)I	7.3	38.1	24.7	29.9
163.50	166.95	3.45	—	I(b ₁ -C ₄)I	7.7	33.9	25.4	33.0
182.35	187.05	4.70	—	J(C ₁ -b ₄)Bcs	8.4	26.6	27.3	37.7
"	"	"		J(C ₁ -b ₄)I	7.9	30.7	26.0	35.4
197.45	208.20	10.75	—	K(C ₁ -C ₅)Bcs	7.7	26.7	29.2	36.4
"	"	"		K(C ₁ -C ₅)I	7.6	29.7	28.0	34.7
209.95	214.50	4.55	—	L(C ₁ -b ₃)I	7.5	31.2	28.3	33.0
214.80	221.10	6.30	—	M(C ₁ -C ₆)Bcs	7.8	32.3	26.5	33.4
"	"	"		M(C ₁ -C ₆)I	7.4	34.8	25.5	32.3
224.55	228.35	3.80	—	N(C ₁ -C ₄)I	7.2	34.5	25.3	33.0
232.40	236.40	4.00	—	O(b ₁ -b ₃)Bcs	6.9	32.5	26.9	33.7
"	"	"		O(b ₁ -b ₃)I	6.6	36.3	25.8	31.3
236.40	243.45	7.05	—	P(C ₁ -b ₆)I	6.7	36.1	25.1	32.1
297.25	299.25	2.00	—	R(b ₁ -b ₄)Bcs	7.2	35.9	23.0	33.9
"	"	"		R(b ₁ -b ₄)I	5.8	47.6	20.1	26.5

Borehole No. - AB - 7

54.25	55.25	1.00	—	A(C ₁ -C ₃)I	8.3	35.0	26.0	30.7
90.90	92.27	1.37	—	C(b ₁ -C ₂)I	9.3	27.9	27.2	35.6
97.50	98.60	1.10	—	D(b ₁ -C ₂)I	6.3	48.3	22.3	23.1
105.60	106.80	1.20	—	E(C ₁ -C ₃)I	7.5	36.9	25.6	30.0
131.00	138.75	7.75	—	F(C ₁ -C ₇)Bcs	9.3	28.7	27.1	34.9
"	"	"		F(C ₁ -C ₇)I	8.9	29.1	27.0	35.0
186.42	192.18	5.76	—	H(C ₁ -C ₁₀)Bcs	8.2	30.7	26.5	34.6
"	"	"		H(C ₁ -C ₁₀)I	7.8	35.0	25.9	31.3

1	2	3	4	5	6	7	8	9
197.85	198.85	1.00	–	J(C ₁ -C ₃)I	8.4	31.8	26.3	33.5
199.95	201.90	1.95	–	K(C ₁ -b ₃)Bcs	8.9	25.3	27.7	38.1
“	“	“		K(C ₁ -b ₃)I	7.7	34.4	25.2	32.7
226.10	229.45	3.35	–	M(C ₁ -C ₄)I	7.7	30.4	25.8	36.1
281.05	297.20	16.15	–	N(b ₁ -b ₂₁)Bcs	7.7	23.3	29.8	39.2
“	“	“		N(b ₁ -b ₂₁)I	7.2	24.5	30.0	38.3
297.20	308.65	11.45	–	N(C ₂₁ -C ₂₉)Bcs	7.9	23.2	31.2	37.7
“	“	“		N(C ₂₁ -C ₂₉)I	7.8	24.5	30.5	37.2
281.05	308.65	27.60	–	N(b ₁ -C ₂₉)Bcs	7.8	22.9	30.7	38.6
“	“	“		N(b ₁ -C ₂₉)I	7.7	24.0	29.9	38.4
358.52	398.27	39.75	–	O(C ₁ -C ₅₇)Bcs	6.4	27.6	29.0	37.0
“	“	“		O(C ₁ -C ₅₇)I	6.1	30.0	28.4	35.3

Borehole No. - AB - 8

316.80	320.75	3.95	–	B(b ₁ -C ₄)Bcs	11.4	25.4	26.8	36.4
“	“	“		B(b ₁ -C ₄)I	9.0	38.1	23.7	29.2
345.90	347.10	1.20	–	E	11.1	19.4	30.9	38.6
352.45	362.70	10.25	–	F(C ₁ -C ₈)Bcs	10.2	23.0	30.6	36.2
“	“	“		F(C ₁ -C ₈)I	9.9	27.6	29.0	33.5
406.40	408.17	1.77	–	I(b ₁ -C ₃)I	8.8	45.9	19.6	25.7
475.20	476.60	1.40	–	J(b ₁ -C ₂)I	7.9	43.5	22.1	26.5
517.45	518.45	1.00	–	K(b ₁ -b ₂)I	9.1	32.3	26.6	32.0

Borehole No. - AB - 9

26.45	27.50	1.05	–	A(C ₁ -C ₂)I	6.8	51.2	20.1	21.9
49.65	50.80	1.15	–	D(C ₁ -C ₃)I	8.1	35.7	25.4	30.8
53.98	61.00	7.02	–	E(C ₃ -C ₁₂)Bcs	8.8	28.7	26.3	36.2
“	“	“		E(C ₃ -C ₁₂)I	8.0	37.5	24.4	30.1
76.60	82.05	5.45	–	F(b ₁ -C ₇)Bcs	9.1	31.9	23.9	35.1
“	“	“		F(b ₁ -C ₇)I	8.6	35.9	24.4	31.1
128.18	129.65	1.47	–	G(C ₁ -C ₄)I	7.3	41.1	22.7	28.9
155.55	169.32	13.77	–	H(C ₁ -C ₂₁)Bcs	8.7	29.8	27.7	33.8
“	“	“		H(C ₁ -C ₂₁)I	8.3	31.8	27.6	32.3

1	2	3	4	5	6	7	8	9
170.05	174.35	4.30	–	I(C ₁ -C ₇)I	6.6	38.9	25.2	29.3
174.95	182.95	8.00	–	J(C ₁ -C ₁₁)Bcs	9.0	28.3	27.0	35.7
“	“	“		J(C ₁ -C ₁₁)I	8.7	32.7	25.5	33.1
184.95	186.35	1.40	–	K(C ₁ -C ₄)I	8.1	34.9	25.4	31.6

Borehole No. - AB – 10

34.20	38.60	4.40	–	B(C ₁ -C ₃)I	8.4	30.4	26.0	35.2
41.40	48.90	7.50	–	C(C ₁ -C ₉)I	8.8	30.2	26.5	34.5
86.52	92.75	6.23	–	F(C ₁ -C ₈)Bcs	8.4	32.5	26.0	33.1
“	“	“		F(C ₁ -C ₈)I	8.0	35.5	25.0	31.5
95.65	97.65	2.00	–	G(C ₁ -C ₅)Bcs	8.3	31.6	26.7	33.4
“	“	“		G(C ₁ -C ₅)I	7.5	39.9	24.2	28.4
126.60	129.60	3.00	–	H(C ₁ -C ₃)I	8.2	32.0	25.0	34.8
163.95	169.35	5.40	–	I(C ₁ -b ₄)I	7.4	27.8	28.3	36.5
170.55	194.70	24.15	–	J(C ₁ -C ₃₅)Bcs	7.5	32.6	27.1	32.8
“	“	“		J(C ₁ -C ₃₅)I	7.0	33.7	26.4	32.9

Borehole No. - AB – 11

263.05	265.90	2.85	–	E(C ₁ -C ₄)Bcs	8.80	26.30	29.70	35.20
“	“	“		E(C ₁ -C ₄)I	7.00	43.20	24.00	25.80
267.65	279.40	11.75	–	F(b ₁ -C ₁₁)Bcs	10.50	22.70	30.70	36.10
“	“	“		F(b ₁ -C ₁₁)I	9.50	27.70	28.80	34.00
325.60	327.60	2.00	–	I(b ₁ -C ₃)I	8.40	42.80	22.00	26.80
396.55	397.50	0.95	–	J(C ₁ -b ₃)I	8.40	34.60	25.30	31.70
436.40	438.25	1.85	–	L(C ₁ -C ₄)I	8.20	39.30	23.00	29.50
453.40	457.25	3.85	–	M(C ₁ -C ₇)Bcs	8.60	30.60	27.20	33.60
“	“	“		M(C ₁ -C ₇)I	7.10	42.90	24.10	25.90
469.90	475.32	5.42	–	O(C ₄ -C ₁₁)I	7.30	43.80	22.20	26.70
525.85	526.75	0.90	–	Q(C ₁ -C ₂)I	7.90	37.30	24.50	30.30
535.50	536.60	1.10	–	R(C ₁ -b ₁)I	7.90	31.90	24.10	36.10
537.05	537.95	0.90	–	S(C ₁ -C ₃)I	8.00	38.90	22.60	30.50

Borehole No. AB – 12

14.35	16.15	1.80	–	A(b ₁ -C ₂)I	8.8	34.6	27.2	29.4
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1	2	3	4	5	6	7	8	9
53.20	55.75	2.55	–	E(C ₁ -C ₃)Bcs	8.3	35.3	25.0	31.4
“	“	“		E(C ₁ -C ₃)I	7.3	40.1	23.7	28.9
56.85	58.05	1.20	–	F(C ₁ -C ₄)I	7.8	39.1	24.3	28.8
72.60	73.90	1.30	–	I(C ₁ -b ₃)I	7.5	41.5	24.5	26.5
86.93	88.25	1.32	–	K(C ₁ -C ₃)Bcs	8.5	30.3	26.8	34.4
“	“	“		K(C ₁ -C ₃)I	8.2	34.7	25.6	31.5
89.05	91.55	2.50	–	L(C ₁ -C ₅)Bcs	8.7	30.1	27.3	33.9
“	“	“		L(C ₁ -C ₅)I	7.3	40.1	24.5	28.1
122.05	138.25	16.20	–	N(C ₁ -C ₂₆)Bcs	9.4	29.4	27.3	33.9
“	“	“		N(C ₁ -C ₂₆)I	8.6	36.0	25.4	30.0
138.25	158.60	20.35	–	N(b ₂₅ -b ₅₂)Bcs	9.3	29.9	26.5	34.3
“	“	“		N(b ₂₅ -b ₅₂)I	7.9	41.8	23.0	27.3
122.05	158.60	36.55	–	N(C ₁ -b ₅₂)Bcs	9.5	28.4	26.9	35.2
“	“	“		N(C ₁ -b ₅₂)I	8.0	38.1	24.6	29.3
182.20	183.60	1.40	–	P(C ₁ -b ₁)I	8.6	29.2	27.4	34.8
190.00	191.20	1.20	–	Q(C ₁ -b ₁)I	9.7	31.1	25.1	34.1
194.83	196.15	1.32	–	R(C ₁ -C ₃)I	7.9	38.5	23.0	30.6
197.21	198.30	1.09	–	S(C ₁ -C ₂)I	8.3	35.6	24.0	32.1
218.30	219.65	1.35	–	T(C ₁ -C ₄)I	7.0	44.3	22.2	26.5
248.82	250.31	1.49	–	W(C ₁ -C ₃)I	7.6	41.3	23.6	27.5
266.65	268.37	1.72	–	Z(C ₁ -C ₃)I	6.5	49.1	21.4	23.0
273.95	281.45	7.50	–	AA(b ₁ -C ₁₀)Bcs	7.7	35.3	25.2	31.8
“	“	“		AA(b ₁ -C ₁₀)I	6.9	43.2	22.5	27.4
281.90	285.50	3.60	–	BB(C ₁ -C ₇)Bcs	8.2	32.5	25.4	33.9
“	“	“		BB(C ₁ -C ₇)I	7.7	37.1	24.2	31.0
340.05	341.82	1.77	–	FF(C ₁ -C ₄)I	7.9	37.9	24.2	30.0
408.50	410.50	2.00	–	JJ(C ₁ -C ₃)I	8.0	28.1	28.2	35.7
493.00	494.48	1.48	–	MM(C ₁ -b ₂)I	6.7	35.9	25.8	31.6
499.80	503.80	4.00	–	NN(C ₁ -C ₂)I sec1	7.0	22.5	29.1	41.4
497.00	503.80	6.80	–	NN(b ₁ -C ₂)I	5.4	38.4	25.5	30.7
507.15	519.38	12.23	–	PP(C ₁ -C ₁₅)Bcs	6.6	24.9	29.4	39.1
“	“	“		PP(C ₁ -C ₁₅)I	6.4	28.2	29.0	36.4

Borehole No. - AB - 13

120.70	129.65	8.95	–	B(C ₂ -C ₁₃)Bcs	10.4	34.9	24.2	30.5
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1	2	3	4	5	6	7	8	9
"	"	"		B(C ₂ -C ₁₃)I	9.4	40.2	23.4	27.0
131.35	132.35	1.00	—	C(C ₁ -C ₂)I	9.8	31.4	26.4	32.4
132.65	133.65	1.00	—	D(C ₁ -C ₂)I	10.5	29.4	27.5	32.6
134.85	137.55	2.70	—	E(C ₁ -b ₁)I	10.7	29.1	27.3	32.9
138.15	139.53	1.38	—	F	11.2	24.7	28.7	35.4
143.65	148.15	4.50	—	G(b ₁ -b ₄)Bcs	11.4	28.1	27.1	33.4
"	"	"		G(b ₁ -b ₄)I	10.6	32.5	26.3	30.6
155.75	156.75	1.00	—	H	11.0	30.4	24.9	33.7
429.30	430.90	1.60	—	I	11.7	18.0	29.0	41.3
431.10	432.40	1.30	—	J	11.6	18.3	28.2	41.9
434.00	435.70	1.70	—	K(C ₁ -C ₂)Bcs	10.1	23.0	29.5	37.4
"	"	"		K(C ₁ -C ₂)I	7.3	41.8	25.8	25.1
436.25	438.25	2.00	—	L(C ₁ -C ₃)I	9.6	26.2	27.5	36.7
450.70	457.40	6.70	—	M(C ₁ -C ₂)I	9.1	18.7	31.9	40.3
461.50	470.00	8.50	—	N(C ₁ -C ₆)I	9.1	19.4	32.3	39.2
471.60	472.60	1.00	—	O(b ₁ -C ₁)I	9.1	26.6	29.2	35.1

Borehole No. - AB - 14

19.45	22.60	3.15	—	A(C ₁ -C ₂)I	7.9	43.9	22.2	26.0
147.55	153.85	6.30	—	F Sec. 1	9.5	24.7	27.6	38.2
130.90	153.85	22.95	—	F(C ₁ -C ₁₃)I	9.5	27.2	27.1	36.2
155.30	165.68	10.38	—	G(b ₁ -C ₁₇)Bcs	9.1	32.4	25.2	33.3
"	"	"		G(b ₁ -C ₁₇)I	8.7	34.0	24.8	32.5
171.45	173.00	1.55	—	H(C ₁ -C ₃)Bcs	8.7	35.5	25.7	30.1
"	"	"		H(C ₁ -C ₃)I	8.5	38.2	25.4	27.9
183.53	186.55	3.02	—	I(C ₁ -b ₇)Bcs	9.3	32.6	25.0	33.1
"	"	"		I(C ₁ -b ₇)I	8.9	34.4	24.5	32.2
218.00	221.60	3.60	—	J(C ₂ -C ₈)Bcs	8.2	31.6	26.4	33.8
"	"	"		J(C ₂ -C ₈)I	7.8	35.7	25.1	31.4
228.15	235.51	7.36	—	K(C ₁ -C ₄)I Sec 1	9.4	22.9	28.6	39.1
236.61	249.05	12.44	—	K(C ₅ -b ₁₉)I Sec 2	7.8	31.2	27.8	33.2
228.15	249.05	20.90	—	K(C ₁ -b ₁₉)Bcs	8.4	26.5	28.6	36.5 *
"	"	"		K(C ₁ -b ₁₉)I ₁₀₀	8.0	30.3	27.8	33.9 *
252.60	261.00	8.40	—	L(b ₁ -C ₁₅)Bcs	7.5	33.8	26.5	32.2
"	"	"		L(b ₁ -C ₁₅)I	7.1	36.4	24.8	31.7

[* Excluding Parting]

1	2	3	4	5	6	7	8	9
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Borehole No. - AB-15

18.30	19.20	0.90	A(C ₁ -C ₂)I	7.80	47.10	21.30	23.80
21.60	26.35	4.75	B(C ₁ -C ₈)Bcs	10.60	29.20	26.00	34.20
"	"	"	B(C ₁ -C ₈)I	7.60	48.30	21.50	22.60
158.10	159.40	1.30	C(b ₁ -C ₃)Bcs	10.40	30.60	25.10	33.90
"	"	"	C(b ₁ -C ₃)I	8.00	44.00	22.10	25.90
185.18	186.50	1.32	K(C ₁ -C ₂)I	8.60	39.50	24.60	27.30
193.15	200.65	7.50	G(C ₁ -C ₉)Bcs	10.20	24.00	29.60	36.20
"	"	"	G(C ₁ -C ₉)I	9.10	31.10	27.30	32.50
207.85	209.10	1.25	H(b ₁ -C ₁)I	9.10	34.20	26.60	30.10
310.70	312.25	1.55	M(C ₁ -C ₄)Bcs	9.10	30.90	25.80	34.20
"	"	"	M(C ₁ -C ₄)I	7.50	45.50	21.30	25.70
313.35	315.25	1.90	N(C ₁ -C ₃)Bcs	9.10	31.60	26.50	32.80
"	"	"	N(C ₁ -C ₃)I	8.50	37.30	24.80	29.40
316.30	317.80	1.50	O(C ₁ -C ₃)Bcs	10.50	25.80	27.50	36.20
"	"	"	O(C ₁ -C ₃)I	8.80	39.30	23.50	28.40
318.15	324.95	6.80	P(C ₁ -C ₁₂)Bcs	8.30	36.10	23.60	32.00
"	"	"	P(C ₁ -C ₁₂)I	7.70	44.50	24.50	23.30
338.45	339.70	1.25	R(C ₃ -C ₅)I	8.30	41.30	23.10	27.30
345.50	346.50	1.00	T(C ₁ -C ₂)I	8.30	40.10	23.80	27.80
384.50	388.75	4.25	U(C ₁ -C ₆)Bcs	9.50	28.80	25.70	36.00
"	"	"	U(C ₁ -C ₆)I	9.30	31.30	24.60	34.80
405.25	406.95	1.70	V(b ₁ -b ₃)Bcs	8.20	42.40	24.90	24.50
"	"	"	V(b ₁ -b ₃)I	7.70	46.70	23.40	22.20
445.60	446.75	1.15	X(C ₁ -C ₃)I	8.30	37.30	24.60	29.80
448.15	453.10	4.95	Z(C ₁ -C ₉)Bcs	8.30	36.10	25.50	30.10
"	"	"	Z(C ₁ -C ₉)I	7.10	44.30	22.50	26.10

Borehole No. - AB - 16

284.10	285.40	1.30	D(b ₁ -C ₂)I	9.00	34.30	26.80	29.90
286.80	288.00	1.20	E(C ₁ -C ₃)I	9.70	35.50	24.30	30.50
314.50	315.50	1.00	F(C ₂ -C ₃)I	9.10	36.70	24.00	30.20
406.35	414.00	7.65	I(C ₁ -C ₈)Bcs	9.30	23.70	29.70	37.30
"	"	"	I(C ₁ -C ₈)I	9.00	29.90	27.40	33.70

1	2	3	4	5	6	7	8	9
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Borehole No. - AB - 17

23.30	28.75	5.45		B(C ₁ -C ₁₃)Bcs	10.60	30.00	25.30	34.10
"	"	"		B(C ₁ -C ₁₃)I	9.70	34.30	24.40	31.60
37.62	40.39	2.77		D(C ₆ -C ₁₀)Bcs Sec 1	10.70	36.10	24.20	29.00
"	"	"		D(C ₆ -C ₁₀)I Sec 1	10.70	38.60	24.50	26.20
32.25	40.39	8.14		D(C ₁ -C ₁₀)Bcs	11.40	35.40	24.90	28.30
"	"	"		D(C ₁ -C ₁₀)I ₁₀₀	9.80	42.90	22.00	25.30
71.04	72.00	0.96		H(C ₁ -C ₂)I	10.60	30.70	26.20	32.50
78.20	80.17	1.97		I(C ₁ -C ₄)I	9.90	39.00	23.70	27.40
94.20	100.25	6.05		K(C ₁ -b ₁₂)Bcs	10.90	26.80	27.30	35.00
"	"	"		K(C ₁ -b ₁₂)I	8.70	42.30	22.40	26.60
103.45	107.45	4.00		L(C ₁ -C ₅)Bcs	11.10	25.80	26.60	36.50
"	"	"		L(C ₁ -C ₅)I	11.00	28.00	25.80	35.20
165.60	172.20	6.60		M(C ₁ -C ₃)I	10.30	24.60	28.20	36.90
179.50	183.35	3.85		N(C ₁ -C ₆)Bcs	10.40	28.60	25.90	35.10
"	"	"		N(C ₁ -C ₆)I	9.60	31.40	24.60	34.40
189.90	195.50	5.60		O(C ₁ -b ₈)Bcs	9.00	30.20	25.80	35.00
"	"	"		O(C ₁ -b ₈)I	8.70	34.40	24.30	32.60
214.00	215.75	1.75		P(C ₁ -C ₃)I	8.60	34.00	29.30	28.10
216.80	219.15	2.35		Q(C ₁ -C ₃)I	9.80	24.00	28.00	38.20
221.30	232.30	11.00		R(C ₁ -C ₁₈)I	7.80	31.80	28.00	32.40
234.10	237.50	3.40		S(C ₁ -b ₆)I	7.60	33.30	25.00	34.10
238.40	241.10	2.70		T(C ₁ -C ₆)Bcs	8.30	28.40	27.80	35.50
"	"	"		T(C ₁ -C ₆)I	8.50	32.70	26.40	32.40
243.80	245.59	1.79		U(b ₁ -C ₃)I	8.50	31.90	25.60	34.00
250.75	255.30	4.55		W(b ₁ -b ₈)I	8.40	32.60	26.40	32.60
255.80	262.61	6.81		X(C ₁ -C ₁₁)Bcs	7.10	37.30	24.40	31.20
"	"	"		X(C ₁ -C ₁₁)I	6.90	39.80	23.60	29.70

Borehole No. - AB - 18

55.80	58.50	2.70	-	C(C ₁ -C ₂)Bcs	11.70	29.60	27.90	30.80
"	"	"		C(C ₁ -C ₂)I	10.90	32.40	26.60	30.10
70.30	78.45	8.15	-	D(C ₁ -C ₉)Bcs	12.30	21.70	30.10	35.90

1	2	3	4	5	6	7	8	9
79.25	80.85	1.60	–	D(C ₁ -C ₉)I	11.60	26.00	28.50	33.90
104.48	105.60	1.12	–	E(C ₁ -C ₂)I	11.70	31.40	26.10	30.80
130.65	131.75	1.10	–	G(C ₁ -C ₃)I	10.20	44.40	20.00	25.40
132.65	140.40	7.75	–	J(C ₁ -C ₂)I	10.80	31.30	26.40	31.50
151.85	153.25	1.40	–	K(C ₁ -C ₁₄)Bcs	11.30	29.80	27.30	31.60
204.15	208.40	4.25	–	K(C ₁ -C ₁₄)I	8.80	42.10	23.40	25.70
221.82	223.05	1.23	–	L(C ₄ -C ₇)Bcs	12.50	27.60	25.80	34.10
240.97	243.30	2.33	–	L(C ₄ -C ₇)I	10.50	39.20	22.50	27.80
261.91	267.20	5.29	–	O(C ₁ -C ₈)Bcs	11.40	28.10	25.00	35.50
274.67	277.30	2.63	–	O(C ₁ -C ₈)I	10.40	34.50	23.20	31.90
281.22	284.20	2.98	–	Q(C ₁ -C ₃)Bcs	10.10	37.40	24.30	28.20
375.95	391.90	15.95	–	Q(C ₁ -C ₃)I	8.90	42.80	22.70	25.60
393.15	401.00	7.85	–	R(C ₁ -b ₅)I	8.2	42.5	22.6	26.7
407.80	408.75	0.95	–	T(C ₂ -C ₁₁)Bcs	9.3	31.6	26.2	32.9
421.00	421.95	0.95	–	T(C ₂ -C ₁₁)I	7.6	43.2	22.2	27.0
435.70	440.00	4.30	–	U(C ₂ -C ₆)Bcs	10.1	28.5	26.5	34.9
			–	U(C ₂ -C ₆)I	7.6	46.4	21.7	24.3
			–	V(C ₁ -C ₅)Bcs	9.3	25.9	26.2	38.6
			–	V(C ₁ -C ₅)I	8.8	29.8	25.2	36.2
			–	W(C ₁ -C ₁₂)Bcs	7.6	27.0	27.5	37.9
			–	W(C ₁ -C ₁₂)I	6.8	28.7	28.2	36.3
			–	X(C ₁ -C ₁₃)I	7.5	33.0	25.9	33.6
			–	Z(C ₁ -C ₂)I	6.3	39.5	24.6	29.6
			–	AA(C ₁ -C ₂)I	7.6	31.2	25.6	35.6
			–	BB(C ₁ -C ₇)I	6.8	34.2	23.7	35.3

Borehole No. - AB – 19

48.62	51.25	2.63	–	A(C ₁ -C ₅)Bcs	9.6	30.7	26.9	32.8
110.00	115.50	5.50	–	A(C ₁ -C ₅)I	7.9	44.3	22.9	24.9
169.02	171.36	2.34	–	B(C ₁ -C ₉)Bcs	9.0	31.7	27.6	31.7
174.15	177.35	3.20	–	B(C ₁ -C ₉)I	7.8	42.0	23.7	26.5
			–	E(C ₁ -C ₄)Bcs	9.1	26.4	28.5	36.0
			–	E(C ₁ -C ₄)I	7.8	38.3	24.5	29.4
			–	F(C ₁ -C ₃)Bcs	8.7	27.5	28.1	35.7
			–	F(C ₁ -C ₃)I	8.1	31.9	26.8	33.2

1	2	3	4	5	6	7	8	9
256.80	257.80	1.00	–	G(C ₁ -b ₁)I (Ex –NSS)	8.0	29.9	28.1	34.0
293.30	321.00	27.70	–	H(C ₁ -C ₂₃)Bcs	7.6	27.4	27.3	37.7
“	“	“		H(C ₁ -C ₂₃)I	7.5	28.9	26.8	36.8
321.50	322.50	1.00	–	I(C ₁ -C ₂)I	7.0	36.6	25.6	30.8
327.10	330.35	3.25	–	J(C ₁ -C ₆)I	7.7	31.7	25.2	35.4
352.40	357.65	5.25	–	K(C ₁ -C ₇)I	7.2	33.6	24.7	34.5
378.10	385.10	7.00	–	L(C ₁ -C ₈)Bcs	8.5	21.0	28.5	42.0
“	“	“		L(C ₁ -C ₈)I	7.7	27.5	27.6	37.2
390.25	401.30	11.05	–	M(b ₁ -C ₁₄)I	7.0	31.4	26.9	34.7
404.70	410.20	5.50	–	N(b ₁ -C ₈)I	6.6	31.7	25.4	36.3
411.50	418.90	7.40	–	O(b ₁ -C ₈)Bcs	6.7	30.7	27.0	35.6
“	“	“		O(b ₁ -C ₈)I	6.5	32.9	26.0	34.6

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ANALYTICAL DATA OF COAL SEAMS INTERSECTED IN BOREHOLES DRILLED IN BANHARDI SECTOR, AURANGA COALFIELD, PALAMAU DISTRICT, BIHAR

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 1	L O C A L	75.15	76.29	1.14	1.14	1	0.17	0.97	-	-	6.6	35.9	-	-	In-band	W. A.	F	
											9.0	28.6	28.0	34.4		Overall (BCS)	E	
											7.8	36.4	25.5	30.3		Overall (I)	F	
	VIII	78.76	79.67	0.91	0.91	-	-	-	-	-	8.1	27.2	-	-		W. A.	E	
											10.2	27.1	28.1	34.6		Overall (I)	E	
		88.78	91.46	2.68	2.68	1	0.3	2.38	-	-	7.1	31.1	-	-	In-band	W. A.	E	
											9.4	26.8	28.9	34.9		Overall (BCS)	E	
											9.2	30.5	29.4	30.9		Overall (I)	E	
		105.02	111.96	6.94	6.94	1	0.35	6.59	-	-	7.2	27.2	-	-	In-band	W. A.	D/E	
											9.5	24.6	30.2	35.7		Overall (BCS)	D/E	
											9.1	27.0	29.6	34.3		Overall (I)	E	
		120.78	121.65	0.87	0.87	-	-	-	-	-	6.5	39.7	-	-		W. A.	F	
		137.18	137.88	0.70	0.70	-	-	-	-	-	6.7	42.4	-	-		W. A.	G	
		142.82	143.90	1.08	1.08	1	0.29	0.79	-	-	6.2	43.5	-	-	In-band	W. A.	G	
											9.4	34.6	24.2	31.8		Overall (BCS)	F	
											8.4	43.3	21.4	26.9		Overall (I)	G	
	V	237.40	241.55	4.15	4.15	4	1.34	2.81	-	-	6.54	33.26	-	-	In-band	W. A.	E	Carb. shale band >30cm are not taken in in-band calculation.
		236.90	241.55	4.65	4.65						9.3	29.9	28.1	32.7		Overall (BCS)	E	
											8.9	32.5	27.5	31.1		Overall (I)	F	
	IV	308.87	309.72	0.85	0.85	-	-	-	-	-	5.5	33.2	-	-		W. A.	E	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 1	IV	315.70	319.83	4.13	4.13	2	0.23	3.9	-	-	6.1	32.8	-	-	In-band	W. A.	E	
											8.7	31.5	25.2	34.6		Overall (BCS)	E/F	
											8.4	33.3	24.7	33.6		Overall (I)	F	
AB - 2	VII	135.20	136.16	0.96	0.96	-	-	-	-	-	8	33.43	-	-		W. A.	F	
		136.16m to 136.48m = 0.32m of grey shale and carbonaceous shale bands have not been considered.																
		136.48	137.45	0.97	0.97	1	0.21	0.76	-	-	7.5	39.0	-	-	In-band	W. A.	F	
		135.20	137.45	2.25	2.25						9.3	31.6	25.1	34.0		Overall (BCS)		
											7.9	40.2	23.8	28.1		Overall (I)		
		140.97	144.97	4.00	4.00	4	0.44	3.56	-	-	8.8	29.2	-	-	In-band	W. A.	E	
											10.4	23.4	28.7	37.5		Overall (BCS)	D	
											9.4	29.9	26.8	33.9		Overall (I)	E	
		151.92	153.02	1.10	1.10	-	-	-	-	-	9.1	23.8	-	-		W. A.	D	
											9.6	23.5	30.3	36.6		Overall	D	
		160.74	161.88	1.14	1.14	1	0.21	0.93	-	-	7.6	36.3	-	-	In-band	W. A.	F	
											8.8	30.7	28.2	32.3		Overall (BCS)	E	
											8.2	37.6	25.8	28.4		Overall (I)	F	
		162.15	166.48	4.33	4.33	4	0.51	3.82	-	-	9.2	27.0	-	-	In-band	W. A.	E	
											10.4	22.1	30.2	37.3		Overall (BCS)	D	
											9.7	28.4	27.8	34.1		Overall (I)	E	
		173.85	175.81	1.96	1.96	4	0.73	1.23	-	-	7.3	38.7	-	-	In-band	W. A.	F	
		175.81m to 175.92m = 0.11m sideritic shale band has not been sampled and considered.																
		175.92	177.15	1.23	1.23	-	-	-	-	-	7.7	36.0	-	-		W. A.	F	
		173.85	177.15	3.30	3.30						8.9	34.1	26.5	30.5		Overall (BCS)	F	
											8.4	37.5	25.3	28.8		Overall (I)	F	
AB - 2	VI	219.47	220.00	0.53	0.53	1	0.30	0.23	-	-	7.1	45.1	-	-	In-band	W. A.	G	
	LOCAL	279.40	280.20	0.80	0.80	1	0.11	0.69	-	-	8.2	37.0	-	-	In-band	W. A.	F	
	V	290.15	302.36	12.21	12.21	10	3.22	8.99	-	-	7.2	38.3	-	-	In-band		F	
		290.15	303.08	12.93	12.93						7.4	35.5	25.4	31.7			F	
											7.3	41.2	23.9	27.6			G	
		304.10	304.85	0.75	0.75	-	-	-	-	-	7.7	35.9	-	-		W. A.	F	
		307.03	307.10	0.07	0.07	-	-	-	-	-	8.8	24.6	-	-		W. A.	D	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 2	V	319.54	320.32	0.78	0.78	-	-	-	-	-	9.2	28.6	-	-	-	W. A.	E	Only float sample has been taken for computation
		317.50	320.32	2.82	2.82	-	-	-	-	-	7.3	47.5	23.0	22.2	-	Overall (I)	G	
	IV	362.95	366.46	3.51	3.51	3	0.59	2.92	-	-	8.07	21.58	-	-	In-band	W. A.	D	Only float sample has been taken for computation
		362.95	367.14	4.19	4.19	-	-	-	-	-	9.5	26.3	26.0	38.2	-	Overall (BCS)	E	
		-	-	-	-	-	-	-	-	-	8.2	32.5	24.3	35.0	-	Overall (I)	F	
		367.85	370.85	3.00	3.00	4	1.26	1.74	-	-	8.0	35.46	-	-	In-band	W. A.	F	
		368.85	370.85	3.00	3.00	-	-	-	-	-	9.3	26.3	27.3	37.1	-	Overall (BCS)	E	
		-	-	-	-	-	-	-	-	-	7.5	42.5	22.2	27.8	-	Overall (I)	G	
		375.83	376.14	0.31	0.31	-	-	-	-	-	9.7	21.9	-	-	-	W. A.	D	
		388.04	388.93	0.89	0.89	1	0.26	0.63	-	-	7.8	38.6	-	-	In-band	W. A.	F	
	LOCAL	387.95	388.97	1.02	1.02	-	-	-	-	-	8.4	38.5	23.9	29.2	-	Overall (I)	F	Shortage of recovery has been adjusted in each unit
		399.51	400.21	0.70	0.70	-	-	-	-	-	7.0	37.5	-	-	-	W. A.	F	
AB - 3	LOCAL	439.15	440.35	1.20	1.20	-	-	-	-	-	6.5	41.8	-	-	-	W. A.	G	
		-	-	-	-	-	-	-	-	-	6.3	44.1	22.1	27.5	-	Overall (I)	G	
	VIII	262.53	263.25	0.72	0.72	-	-	-	-	-	9.9	38.7	-	-	-	W.A.	G	
		330.48	331.60	1.12	1.12	-	-	-	-	-	8.5	46.2	22.1	23.2	-	Overall (I)	G	
		363.67	364.82	1.15	1.15	-	-	-	-	-	9.8	28.6	-	-	-	W.A.	E	
		-	-	-	-	-	-	-	-	-	9.6	30.8	25.5	34.1	-	Overall (I)	E/F	
	VII	376.60	377.24	0.64	0.64	-	-	-	-	-	9.0	30.8	-	-	-	W. A.	E	
		546.90	548.30	1.40	1.40	-	-	-	-	-	10.4	23.8	-	-	-	W. A.	D/E	
		562.59	562.96	0.37	0.37	-	-	-	-	-	10.8	23.5	28.0	37.7	-	Overall (I)	D/E	
	VI	-	-	-	-	-	-	-	-	-	9.8	21.0	-	-	-	W. A.	D	Individual thickness of bands has been adjusted accordingly
		601.40	613.00	11.60	7.90	1	0.56	11.04	-	-	8.7	24.5	-	-	In-band	W. A.	D	
	VI	616.26	617.50	1.24	1.24	1	0.07	1.17	-	-	6.9	37.0	-	-	In-band	W. A.	F	
		-	-	-	-	-	-	-	-	-	7.3	37.1	26.1	29.5	-	Overall (I)	F	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks						
AB - 4	V	22.49	23.71	1.22	1.22	3	0.80	0.42	-	-	10.6	38.8	-	-	In-band	W. A.	G	21.85m. To 22.49m.= 0.54m. is considered as carbonaceous shale with coal bands at middle						
		23.71m. To 24.23m.= 0.52m. Carbonaceous shale and sideritic shale bands have not been considered																						
		24.23	28.00	3.77	3.77	7	1.62	2.15	-	-	10.32	40.74	-	-	In-band	W. A.	G							
		22.21	28.00	5.79	5.79						11.0	31.1	25.5	32.4		Overall (BCS)	F							
											8.1	46.1	22.1	23.7		Overall (I)	G							
		42.70	43.20	0.50	0.50	-	-	-	-	-	12.9	22.4	-	-		W. A.	E	42.05m. To 42.70m. is considered as carbonaceous shale with coal band.						
		42.27	43.20	0.93	0.93						7.1	46.3	21.4	25.2		Overall (I)	G							
		47.05	49.50	2.45	2.45	2	0.47	1.98	-	-	9.6	35.2	-	-	In-band	W. A.	F							
											9.1	29.4	26.4	35.1		Overall (BCS)	E							
											7.9	35.8	25.1	31.2		Overall (I)	F							
	IV	100.52	101.15	0.63	0.63	-	-	-	-	-	11.1	27.2	-	-		W. A.	E							
		102.55	103.00	0.45	0.45						Shale and sideritic shale band													
	LOCAL	134.71	135.34	0.63	0.63	-	-	-	-	-	8.6	30.4	-	-		W. A.	E							
	III	143.20	161.70	18.50	18.50	5	1.42	17.08	-	-	9.6	28.7	-	-	In-band	W. A.	F							
											9.3	26.8	27.2	36.7		Overall (BCS)	E							
											8.5	30.4	26.5	34.6		Overall (I)	E							
		167.05	174.90	7.85	7.85	7	1.45	6.40	-	-	8.79	34.4	-	-	In-band	W. A.	F							
											8.9	29.3	26.5	35.3		Overall (BCS)	E							
											7.9	35.9	24.5	31.7		Overall (I)	F							
		186.10	186.88	0.78	0.78	-	-	-	-	-	9.4	30.9	-	-		W. A.	E/F							
		187.70	187.90	0.20	0.20	-	-	-	-	-	10.4	24.6	-	-		W. A.	E	187.40m. To 187.70m. and 187.90m. to 188.05m. carbonaceous shale bands.						
		189.90	192.50	2.60	2.60	2	0.66	1.94			8.46	32.87	-	-	In-band	W. A.	F							
											9.1	29.4	25.7	35.8		Overall (BCS)	E							
											7.7	39.6	22.4	30.3		Overall (I)	F/G							

- 1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 4	LOCAL	210.08	210.25	0.17	0.17	-	-	-	-	-	9.9	20.2	-	-	-	W. A.	D	210.00m to 210.08m _ Carb. shale band. 210.25m to 211.20m carb. sh. with coal band.
	II	250.90	266.10	15.20	15.20	3	0.52	14.68	-	-	8.2	29.5	-	-	In-band	W. A.	E	1.38m. carb. shale band not considered in In-band analysis.
											8.4	28.8	27.6	35.2		Overall (BCS)	D	
											7.8	31.3	27.0	33.9		Overall (I)	E	
		269.00	273.90	4.90	4.90	2	0.79	4.11	-	-	5.6	34.8	-	-	In-band	W. A.	E/F	
											7.2	32.2	26.6	34.0		Overall (BCS)	E	
											6.3	39.6	24.1	30.0		Overall (I)	F	
		274.93	278.50	3.57	3.57	-	-	-	-	-	7.4	34.1	-	-		W. A.	F	
											6.7	35.4	24.8	33.1		Overall (I)	F	
	II	279.10	292.20	13.10	13.10	7	2.50	10.60	-	-	7.36	32.98	-	-	In-band	W. A.	E/F	1.38m. carb. shale band not considered in In-band analysis.
											8.3	29.7	26.3	35.7		Overall (BCS)	E	
											7.7	32.2	25.9	34.2		Overall (I)	E	
	LOCAL	304.50	304.75	0.25	0.25	-	-	-	-	-	7.8	34.4	-	-	-	W. A.	F	
AB - 5	VIII	20.40	20.60	0.20	0.20	-	-	-	-	-	8.4	34.8	-	-	-	W.A.	F	20.00m to 20.40m is carb. shale band.
		21.90	23.10	1.20	1.20	2	0.26	0.94	-	-	7.8	40.3	-	-	In-band	W.A.	G	24.00m to 24.47m has been considered as carb. shale with coal band.
											8.8	41.5	23.2	26.5		Overall (I)	G	
		24.47	25.25	0.78	0.78	-	-	-	-	-	7.87	34.50	-	-	In-band	W.A.	F	
		24.10	25.25	1.15	1.15	-	-	-	-	-	8.8	41.2	23.8	26.2		Overall (I)	G	
		37.35	38.75	1.40	1.40	1	0.15	1.25	-	-	7.8	32.3	-	-	In-band	W.A.	E/F	49.06m to 49.30m has been considered as carb. shale with coal band
											9.5	31.7	26.2	32.6		Overall (I)	F	
		44.95	49.06	4.11	4.11	3	0.39	3.72	-	-	7.78	32.45	-	-	In-band	W.A.	E/F	
		44.95	49.30	4.35	4.35	-	-	-	-	-	9.9	31.0	25.5	33.6		Overall (BCS)	F	
											8.8	33.7	24.8	32.7		Overall (I)	F	
	VII + VI	73.50	74.90	1.40	1.40	-	-	-	-	-	6.6	40.1	-	-	In-band	W.A.	F	
											7.9	41.0	23.6	27.5		Overall (I)	G	
		232.22	235.50	3.28	3.28	2	0.38	2.90	-	-	9.2	28.48	-	-	In-band	W.A.	E	
											10.7	24.4	27.4	37.5		Overall (BCS)	E	
											10.2	30.4	26.1	33.1		Overall (I)	E/F	
		238.10	238.95	0.85	0.85	1	0.18	0.67	-	-	7.6	32.5	-	-	In-band	W.A.	E/F	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band Thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks	
AB - 5	VII + VI	253.05	255.25	2.20	2.20	1	0.15	2.05	-	-	8.6	24.5	-	-	In-band	W. A.	D	289.95m. to 290.30m. has been considered as carb. shale with coal band.	
											10.6	21.9	29.9	37.6		Overall (BCS)	D		
											10.3	25.9	28.8	35.6		Overall (I)	E		
		264.70	270.65	5.95	5.95	4	0.58	5.37	-	-	8.6	25.1	-	-	In-band	W. A.	D		
		270.65m. to 270.72m. = 0.07m. sideritic shale band has not been sampled																	
		270.72	275.40	4.68	4.68	2	0.31	4.37	-	-	7.7	28.7	-	-	In-band	W. A.	E		
		264.70	275.40	10.70	10.70						10.0	23.1	30.3	36.6		Overall (BCS)	D		
											9.6	28.1	28.5	33.8		Overall (I)	E		
		276.60	277.30	0.70	0.70	-	-	-	-	-	7.5	33.11	-	-		W. A.	E/F		
		289.39	289.95	0.56	0.56	-	-	-	-	-	6.47	39.23	-	-		W. A.	F		
		289.39	290.30	0.91	0.91	-	-	-	-	-	8.1	41.7	24.5	25.7		Overall (I)	G		
		303.20	303.90	0.70	0.70	-	-	-	-	-	7.6	33.5	-	-		W. A.	F		
		312.65	315.25	2.60	2.60	3	0.67	1.93	-	-	7.7	38.8	-	-	In-band	W. A.	F		
											10.1	33.9	23.7	32.3		Overall (BCS)	F		
											8.7	43.9	21.0	26.4		Overall (I)	G		
	V + IV	376.46	377.96	1.50	1.50	1	0.08	1.42	-	-	8.0	30.3	-	-	In-band	W. A.	E	411.90m. to 412.35m. carb. shale with coal band has not been considered.	
											9.1	31.8	25.4	33.7		Overall (I)	F		
		401.70	402.05	0.35	0.35	-	-	-	-	-	6.7	36.7	-	-		W. A.	F		
		411.40	411.90	0.50	0.50	-	-	-	-	-	6.3	33.5	-	-		W. A.	E		
		414.08	416.45	2.37	2.37	2	0.60	1.77	-	-	6.5	31.3	-	-	In-band	W. A.	E		
		414.08	416.45	2.37	2.37						8.9	29.8	26.5	34.8		Overall (BCS)	E		
											7.7	42.6	22.7	27.0		Overall (I)	G		
		417.35	418.05	0.70	0.70	-	-	-	-	-	6.5	38.6	-	-		W. A.	F		
		419.30	420.22	0.92	0.92	-	-	-	-	-	7.4	29.1	-	-		W. A.	E		
											9.1	30.7	26.6	36.6		Overall (I)	E		
		425.55	433.50	7.95	7.95	10	3.21	4.74	-	-	5.8	43.5	-	-	In-band	W. A.	G		
		424.70	433.50	8.80	8.80						8.6	28.2	28.8	34.4		Overall (BCS)	E		
											7.2	44.9	22.5	25.4		Overall (I)	G		
		434.85	436.35	1.50	1.50	-	-	-	-	-	6.3	40.8	-	-		W. A.	G		
											7.6	41.4	23.0	28.0		Overall (I)	G		

1) Overall (I): Overall analysis of coal including dirt bands of any thickness

2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB + 5	V + IV	435.70	445.10	8.40	8.40	9	3.75	4.65	-	-	5.8	43.3	-	-	In-band	W. A.	G	
											8.1	34.8	25.1	32.0		Overall (BCS)	F	
											6.7	47.0	21.5	24.8		Overall (I)	G	
		445.29	447.00	0.71	0.71	1	0.27	0.44	-	-	5.6	41.4	-	-	In-band	W. A.	F/G	
AB - 6	V	26.45	27.0	0.55	0.55	-	-	-	-	-	7.9	22.0	-	-		W. A.	D	
		28.77	32.00	3.23	3.23	7	1.86	1.37	-	-	6.9	41.2	-	-	In-band	W. A.	G	
		28.35	32.00	3.65	3.65						9.1	31.7	26.5	32.7		Overall (BCS)	F	
											8.4	48.8	20.7	22.1		Overall (I)		
		33.85	34.00	0.15	0.15	-	-	-	-	-	9.0	29.7	-	-		W. A.	E	
		47.87	49.76	1.89	1.89	1	0.28	1.61	-	-	8.1	34.5	-	-	In-band	W. A.	F	
											9.3	27.5	27.8	35.4		Overall (BCS)	E	
											8.3	35.1	25.1	31.5		Overall (I)	F	
		53.70	56.47	2.77	2.77	2	0.27	2.50	-	-	9.2	29.3	-	-	In-band	W. A.	E	
											9.8	24.9	26.9	38.4		Overall (BCS)	E	
											9.1	29.9	25.7	35.3		Overall (I)	E	
	IV	127.05	128.00	0.95	0.95	1	0.20	0.75	-	-	6.3	39.1	-	-	In-band	W. A.	F	
											6.8	39.8	27.0	25.4		Overall (I)	F	
	LOCAL	151.10	151.47	0.37	0.37	-	-	-	-	-	8.3	21.4	-	-		W. A.	D	
		154.45	155.65	1.20	1.20	1	0.52	0.68	-	-	8.9	21.3	-	-	In-band	W. A.	D	
		154.45	155.65	1.20	1.20						7.3	38.1	24.7	29.9		Overall (I)	F	
		163.50	166.95	3.45	3.45	-	-	-	-	-	7.7	32.9	-	-		W. A.	F	
											7.7	33.9	25.4	33.0		Overall (I)	F	
		182.35	187.05	4.70	4.70	2	0.57	4.13	-	-	7.2	28.5	-	-	In-band	W. A.	E	
		182.35	187.05	4.70	4.70						8.4	26.6	27.3	37.7		Overall (BCS)	E	
											7.9	30.7	26.0	35.4		Overall (I)	E	
	III	197.45	208.20	10.75	10.75	2	0.88	9.87	-	-	6.7	28.8	-	-	In-band	W. A.	E	
											7.7	26.7	29.2	36.4		Overall (BCS)	E	
											7.6	29.7	28.0	34.7		Overall (I)	E	
		209.95	214.50	4.55	4.55	-	-	-	-	-	7.2	30.5	-	-		W.A.	E	
											7.5	31.2	28.3	33.0		Overall (I)	E	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB + 6	III	215.84	221.10	5.26	4.05	-	-	-	-	-	6.9	22.4	-	-	-	W. A.	D	Shortage of recovery is adjusted in each band in equal ratio. Hence, 214.80m. to 215.84m. is considered as carb. shale with coal bands.
		214.80	221.10	6.30	4.65	-	-	-	-	-	7.8	32.3	26.5	33.4	-	Overall (BCS)	E	
											7.4	34.8	25.5	32.3	-	Overall (I)	F	
		224.55	228.35	3.80	3.80	-	-	-	-	-	6.6	33.8	-	-	-	W. A.	F	Shortage of recovery is adjusted in each band in equal ratio.
											7.2	34.5	25.3	33.0	-	Overall (I)	F	
		232.40	243.45	11.05	10.60	1	0.55	10.50	-	-	5.7	35.1	-	-	In-band	W. A.	F	
	LOCAL	232.40	236.40	4.00	3.70	-	-	-	-	-	6.9	32.5	26.9	33.7	-	Overall (BCS)	E	Shortage of recovery is adjusted in each band in equal ratio.
											6.6	36.3	25.8	31.3	-	Overall (I)	F	
		235.40	243.45	7.05	6.90	-	-	-	-	-	6.7	36.1	25.1	32.1	-	Overall (I)	F	
AB - 7	II	255.25	256.20	0.65	0.65	-	-	-	-	-	6.4	39.5	-	-	-	W. A.	F	
		297.25	299.25	2.00	2.00	2	1.05	0.95	-	-	6.4	36.1	-	-	In-band	W. A.	F	
	LOCAL	297.25	299.25	2.00	2.00						7.2	35.9	23.0	23.9	-	Overall (BCS)	F	
											5.8	47.6	20.1	26.5	-	Overall (I)	G	
	VI	54.25	55.25	1.00	1.00	1	0.25	0.75	-	-	8.2	34.0	-	-	In-band	W. A.	F	97.87m. to 98.60m. has not been computed in band by band analysis and has been considered as carb. shale with coal band.
											8.3	35.0	26.0	30.7	-	Overall (I)	F	
		89.25	90.10	0.85	0.85	-	-	-	-	-	9.2	19.9	-	-	-	W. A.	D	
		90.90	92.27	1.37	1.37	1	0.11	1.26	-	-	9.1	27.5	-	-	In-band	W. A.	E	
											9.3	27.9	27.2	35.6	-	Overall (I)	E	
		97.50	97.87	0.37	0.37	-	-	-	-	-	8.0	38.0	-	-	-	W. A.	F	
	V	97.50	98.60	1.10	1.10						6.3	48.3	22.3	23.1	-	Overall (I)	G	
		105.60	106.80	1.20	1.20	2	0.35	0.85	-	-	7.0	37.3	-	-	In-band	W. A.	F	
	V										7.5	36.9	25.6	30.0	-	Overall (I)	F	
		131.00	138.75	7.75	7.75	2	0.24	7.51	-	-	8.1	29.3	-	-	In-band	W. A.	E	
											9.3	28.7	27.1	34.9	-	Overall (BCS)	E	
											8.9	29.1	27.0	35.0	-	Overall (I)	E	
		152.78	153.30	0.52	0.52	1	0.13	0.39	-	-	6.7	39.2	-	-	In-band	W. A.	F	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 7	IV	186.42	192.18	5.76	5.76	5	1.48	4.28	-	-	7.3	32.5	-	-	In-band	W. A.	E	198.64m. to 198.85m. = 0.21m. is considered as carb. shale with coal band 199.95m. to 200.46m. = 0.51m. is considered as carb. shale with coal band.
		186.42	192.18	5.76	5.76	-	-	-	-	-	8.2	30.7	26.5	34.6	-	Overall (BCS)	E	
		-	-	-	-	-	-	-	-	-	7.8	35.0	25.9	31.3	-	Overall (I)	F	
		196.00	196.85	0.85	0.85	-	-	-	-	-	7.3	33.6	-	-	-	W. A.	F	
		197.85	198.64	0.79	0.79	-	-	-	-	-	7.8	24.6	-	-	-	W. A.	D	
		197.85	198.85	1.00	1.00	-	-	-	-	-	8.4	31.8	26.3	33.5	-	Overall (I)	F	
		199.95	201.90	1.95	1.95	-	-	-	-	-	8.9	25.3	27.7	38.1	-	Overall (BCS)	E	
		-	-	-	-	-	-	-	-	-	7.7	34.4	25.2	32.7	-	Overall (I)	F	
	III	200.46	201.90	1.44	1.44	1	0.12	1.32	-	-	7.6	29.0	-	-	In-band	W. A.	E	
		202.52	202.92	0.40	0.40	-	-	-	-	-	8.1	27.9	-	-	-	W. A.	E	
		226.10	229.45	3.35	3.35	-	-	-	-	-	7.7	29.2	-	-	-	W. A.	E	
		-	-	-	-	-	-	-	-	-	7.7	30.4	25.8	36.1	-	Overall (I)	E	
		281.05	308.65	27.60	27.60	3	0.57	27.03	-	-	7.4	23.1	-	-	In-band	W. A.	D	
		-	-	-	-	-	-	-	-	-	7.8	22.9	30.7	38.6	-	Overall (BCS)	D	
	II	-	-	-	-	-	-	-	-	-	7.7	24.0	29.9	38.4	-	Overall (I)	D	
		358.52	398.27	39.75	39.75	15	3.10	36.65	-	-	6.1	31.3	-	-	In-band	W. A.	E	
AB - 8	LOCAL	-	-	-	-	-	-	-	-	-	6.4	27.6	29.0	37.0	-	Overall (BCS)	D/E	
		-	-	-	-	-	-	-	-	-	6.1	30.0	28.1	35.3	-	Overall (I)	E	
	VIII	149.30	149.47	0.17	0.17	-	-	-	-	-	9.6	32.3	-	-	-	W. A.	F	
		316.80	320.75	3.95	3.95	2	0.89	3.06	-	-	10.4	26.6	-	-	In-band	W. A.	E	
		316.80	320.75	3.95	3.95	-	-	-	-	-	11.4	25.4	26.8	36.4	-	Overall (BCS)	E	
		-	-	-	-	-	-	-	-	-	9.0	38.1	23.7	29.2	-	Overall (I)	F	
		338.51	338.90	0.39	0.39	-	-	-	-	-	10.9	20.6	-	-	-	W. A.	D	
		340.80	341.40	0.60	0.60	-	-	-	-	-	8.9	29.4	-	-	-	W. A.	E	
		345.90	347.10	1.20	1.20	-	-	-	-	-	10.4	19.8	-	-	-	W. A.	D	
		-	-	-	-	-	-	-	-	-	11.1	19.4	30.9	38.6	-	Overall (I)	D	
		352.45	362.70	10.25	10.25	5	0.87	9.38	-	-	9.4	25.3	-	-	In-band	W. A.	E	
		-	-	-	-	-	-	-	-	-	10.2	23.0	30.6	36.2	-	Overall (BCS)	D	
	LOCAL	-	-	-	-	-	-	-	-	-	9.9	27.6	29.0	33.5	-	Overall (I)	E	
		365.00	365.65	0.65	0.65	-	-	-	-	-	8.1	35.7	-	-	-	W. A.	F	
	LOCAL	393.10	393.60	0.50	0.50	-	-	-	-	-	10.2	31.9	-	-	-	W. A.	F	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 8	LOCAL	406.40	408.17	1.77	1.77	2	0.60	1.17	-	-	9.2	38.1	-	-	In-band	W. A.	F	
		406.40	408.17	1.77	1.77						8.8	45.9	19.6	25.7		Overall (I)	G	
		475.20	476.60	1.40	1.40	1	0.51	0.89	-	-	9.7	28.3	-	-	In-band	W. A.	E	
		475.20	476.60	1.40	1.40						7.9	43.5	22.1	26.5		Overall (I)	G	
	VII	517.45	518.45	1.00	1.00	-	-	-	-	-	9.3	29.9	-	-		W. A.	E	
											9.1	32.3	26.6	32.0		Overall (I)	F	
AB - 9	LOCAL	26.45	26.65	0.20	0.20	-	-	-	-	-	8.2	25.9	-	-		W. A.	D/E	
		26.65m. to 27.28m. = 0.63m. carbonaceous shale band has not been computed.																
		27.28	27.50	0.22	0.22	-	-	-	-	-	8.7	23.0	-	-		W. A.	D	
		26.45	27.50	1.05	1.05	-	-	-	-	-	6.8	51.2	20.1	20.9		Overall (I)	Carb. shale.	
	III	38.10	38.47	0.37	0.37	-	-	-	-	-	7.2	24.7	-	-		W. A.	D	
		48.45	48.95	0.50	0.50	-	-	-	-	-	8.9	19.8	-	-		W. A.	C	
		49.65	50.80	1.15	1.15	2	0.28	0.87	-	-	7.2	33.9	-	-	In-band	W. A.	F	
											8.1	35.7	25.4	30.8		Overall (I)	F	
		53.98	55.48	1.50	1.50	-	-	-	-	-	7.7	28.7	-	-	In-band	W. A.	E	
		55.48m. to 58.19m. = 2.71m. containing grey shale, carb.shale and thin coal bands are not taken.																
		58.19	61.00	2.81	2.81	1	0.12	2.69	-	-	7.0	29.2	-	-	In-band	W. A.	E	
		53.98	61.00	7.02	7.02						8.8	28.7	26.3	36.2		Overall (BCS)	E	
											8.0	37.5	24.4	30.1		Overall (I)	F	
		76.60	81.22	4.62	4.62	1	0.15	4.48	-	-	7.6	32.5	-	-	In-band	W. A.	F	Loss of recovery has been adjusted in each band with equal ratio. After adjustment, computation has been done. 81.23m. to 82.45m./ is considered as carb. shale with coal band.
		76.60	82.05	5.45	5.30						9.1	31.9	23.9	35.1		Overall (BCS)	F	
											8.6	35.9	24.4	31.1		Overall (I)	F	
	LOCAL	128.18	129.65	1.47	1.47	3	0.79	0.78	-	-	7.1	39.3	-	-	In-band	W. A.	F	
											7.3	41.1	22.7	28.9		Overall (I)	G	
	II	155.55	169.32	13.77	13.77	3	0.78	12.99	-	-	7.9	29.4	-	-	In-band	W. A.	E	Float sample has been taken in computation.
											8.7	29.8	27.7	33.8		Overall (BCS)	E	
											8.3	31.8	27.6	32.3		Overall (I)	E/F	

- 1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 9	II	170.05	174.35	4.30	4.30	-	-	-	-	-	7.5	35.9	-	-	-	W. A.	F	Float sample has been taken in computation.
		175.36	182.95	7.59	7.59	5	1.33	6.26	-	-	6.6	38.9	25.2	29.3	-	Overall (I)	F	
		174.95	182.95	8.00	8.00	-	-	-	-	-	8.3	32.4	-	-	In-band	W. A.	F	
		-	-	-	-	-	-	-	-	-	9.0	28.3	27.0	35.7	-	Overall (BCS)	E	
		-	-	-	-	-	-	-	-	-	8.7	32.7	25.5	33.1	-	Overall (I)	F	
		184.95	186.35	1.40	1.40	3	0.33	1.07	-	-	7.3	33.6	-	-	In-band	W. A.	F	
	LOCAL	194.46	194.85	0.39	0.39	1	0.15	0.24	-	-	8.1	34.9	25.4	31.6	-	Overall (I)	F	193.35m. to 194.46m. = 1.11m. is considered as carbonaceous shale with thin coal band.
		-	-	-	-	-	-	-	-	-	7.2	42.4	-	-	In-band	W. A.	G	
		195.69	197.00	0.31	0.31	-	-	-	-	-	8.1	36.1	-	-	-	W. A.	F	
		209.60	210.30	0.70	0.70	-	-	-	-	-	6.4	48.0	-	-	-	W. A.	G	
AB - 10	V	217.00	218.40	1.40	1.40	-	-	-	-	-	6.1	52.9	-	-	-	W. A.	Carb. shale	
		28.40	29.05	0.65	0.65	-	-	-	-	-	9.3	27.1	-	-	-	W. A.	E	
		34.20	38.60	4.40	4.40	1	0.30	4.10	-	-	8.1	29.6	-	-	In-band	W. A.	E	
		41.40	48.90	7.50	7.50	1	0.05	7.45	-	-	8.4	30.4	26.0	35.2	-	Overall (I)	E	
		50.90	51.50	0.60	0.60	-	-	-	-	-	8.7	28.8	-	-	In-band	W. A.	E	
		64.12	64.40	0.28	0.28	-	-	-	-	-	8.8	30.2	26.5	34.5	-	Overall (I)	E	
	IV	86.52	92.75	6.23	6.23	3	0.72	5.51	-	-	7.4	35.5	-	-	-	W. A.	F	
		95.65	97.65	2.00	2.00	3	0.56	1.44	-	-	7.7	28.9	-	-	-	W. A.	E	
		125.60	129.60	3.00	3.00	-	-	-	-	-	8.1	33.9	-	-	In-band	W. A.	F	
		-	-	-	-	-	-	-	-	-	8.4	32.5	26.0	33.1	-	Overall (BCS)	F	
		-	-	-	-	-	-	-	-	-	8.0	35.5	25.0	31.5	-	Overall (I)	F	
		-	-	-	-	-	-	-	-	-	7.3	37.6	-	-	In-band	W. A.	F	
	III	163.95	169.35	5.40	5.40	-	-	-	-	-	8.3	31.6	26.7	33.4	-	Overall (BCS)	E	
		-	-	-	-	-	-	-	-	-	7.5	39.9	24.2	28.4	-	Overall (I)	G	
		-	-	-	-	-	-	-	-	-	7.4	31.6	-	-	-	W. A.	E	
		-	-	-	-	-	-	-	-	-	8.2	32.0	25.0	34.8	-	Overall (I)	E/F	
		-	-	-	-	-	-	-	-	-	7.2	27.6	-	-	-	W. A.	E	
		-	-	-	-	-	-	-	-	-	7.4	27.8	28.3	36.5	-	Overall (I)	E	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB -10	III	170.55	194.31	23.76	23.76	10	1.91	21.85	-	-	6.2	32.7	-	-	-	W. A.	E	Float sample is taken in consideration.
		170.55	194.70	24.15	24.15	-	-	-	-	-	7.5	32.6	27.1	32.8	-	Overall (BCS)	E/F	
		204.55	205.35	0.80	0.80	-	-	-	-	-	7.0	33.7	26.4	32.9	-	Overall (I)	F	
AB - 11	LOCAL	137.28	137.41	0.13	0.13	-	-	-	-	-	12.4	29.6	-	-	-	W. A.	F	136.60m. to 137.28m. = 0.68m. is considered as carbonaceous shale with coal band.
		225.30	225.68	0.38	0.38	-	-	-	-	-	10.7	31.7	-	-	-	W. A.	F	
	VIII	237.35	237.67	0.32	0.32	-	-	-	-	-	9.8	41.2	-	-	-	W. A.	G	
		247.84	248.40	0.56	0.56	-	-	-	-	-	10.7	30.4	-	-	-	W. A.	F	
		263.05	265.90	2.85	2.85	1	0.78	2.07	-	-	9.8	26.5	-	-	In-band	W. A.	E	
		263.05	265.90	2.85	2.85	-	-	-	-	-	8.8	26.3	29.7	35.2	-	Overall (BCS)	E	
		267.65	279.40	11.75	11.75	9	0.82	10.93	-	-	7.0	43.2	24.0	25.8	-	Overall (I)	G	
		267.65	279.40	11.75	11.75	-	-	-	-	-	10.2	25.6	-	-	In-band	W. A.	E	
		267.65	279.40	11.75	11.75	-	-	-	-	-	10.5	22.7	30.7	36.1	-	Overall (BCS)	D	
		267.65	279.40	11.75	11.75	-	-	-	-	-	9.5	27.7	28.8	34.0	-	Overall (I)	E	
		281.02	281.70	0.68	0.68	-	-	-	-	-	9.8	29.9	-	-	-	W. A.	E	
	LOCAL	313.35	313.95	0.60	0.60	-	-	-	-	-	11.0	31.4	-	-	-	W. A.	F	
		325.60	327.60	2.00	2.00	2	0.26	1.74	-	-	9.0	40.0	-	-	In-band	W. A.	G	
		325.60	327.60	2.00	2.00	-	-	-	-	-	8.4	42.8	22.0	26.8	-	Overall (I)	G	
		396.55	397.50	0.95	0.95	-	-	-	-	-	5.9	36.2	-	-	-	W. A.	F	
	VII	433.35	434.05	0.70	0.70	1	0.13	0.57	-	-	6.1	32.6	-	-	In-band	W. A.	E	
		436.40	438.25	1.85	1.85	2	0.42	1.43	-	-	5.6	39.5	-	-	In-band	W. A.	F	
		453.40	457.25	3.85	3.85	4	1.17	2.68	-	-	8.2	39.3	23.0	29.5	-	Overall (I)	G	
		453.40	457.25	3.85	3.85	-	-	-	-	-	6.1	34.6	-	-	In-band	W. A.	E/F	
		453.40	457.25	3.85	3.85	-	-	-	-	-	8.6	30.6	27.2	33.6	-	Overall (BCS)	E	
		464.43	464.80	0.37	0.37	-	-	-	-	-	7.1	42.9	24.1	25.9	-	Overall (I)	G	
		464.43	464.80	0.37	0.37	-	-	-	-	-	6.2	27.7	-	-	-	W. A.	D	
		465.33	465.50	0.17	0.17	-	-	-	-	-	7.9	22.4	-	-	-	W. A.	D	464.80m. to 465.33m. = 0.53m. is considered as carbonaceous shale band.

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 11	VII	469.90	475.32	5.42	5.42	1	0.17	5.25	-	-	6.1	40.5	-	-	In-band	W. A.	F	466.80m. to 469.90m. is considered as carb. shale with thin coal bands.
		480.73	482.05	1.32	1.32	2	0.45	0.87	-	-	7.3	43.8	22.2	26.7		Overall (I)	G	
	VI	525.85	526.75	0.90	0.90	1	0.24	0.66	-	-	5.0	46.7	-	-	In-band	W. A.	G	
		535.50	536.60	1.10	1.10	-	-	-	-	-	3.7	35.9	-	-	In-band	W. A.	E	
		537.05	537.95	0.90	0.90	1	0.10	0.80	-	-	7.9	37.3	24.5	30.3		Overall (I)	F	
		560.70	561.50	0.80	0.80	-	-	-	-	-	4.5	31.7	-	-		W. A.	E	
											7.9	31.9	24.1	36.1		Overall (I)	E	
											4.0	38.7	-	-	In-band	W. A.	F	
											8.0	38.9	22.6	30.5		Overall (I)	F	
AB - 12	LOCAL	14.35	16.15	1.80	1.80	-	-	-	-	-	4.0	40.4	-	-		W. A.	F	
											6.32	34.14	-	-		Overall (I)	E/F	
	VIII	39.91	40.32	0.41	0.41	-	-	-	-	-	8.8	34.6	27.2	29.4		W. A.	F	40.32m. to 40.80m. is considered as carb. shale with grey shale band.
		48.40	48.70	0.30	0.30	-	-	-	-	-	6.5	36.0	-	-		W. A.	E	
		50.98	51.36	0.38	0.38	-	-	-	-	-	6.9	27.8	-	-		W. A.	F	
		53.20	55.75	2.55	2.55	2	0.38	2.17	-	-	5.3	38.4	-	-		W. A.	F	51.36m. to 52.30m. is considered as carb. shale with thin coal band.
		56.85	58.05	1.20	1.20	2	0.30	0.90	-	-	6.1	38.7	-	-	In-band	W. A.	F	
		69.20	69.85	0.65	0.65	1	0.07	0.58	-	-	3.3	35.3	25.0	31.4		Overall (BCS)	F	
		71.35	71.70	0.35	0.35	-	-	-	-	-	7.3	40.1	23.7	28.9		Overall (I)	F/G	
		72.60	73.90	1.30	1.30	-	-	-	-	-	6.6	38.1	-	-	In-band	W. A.	F	
		81.80	82.30	0.50	0.50	1	0.12	0.38	-	-	7.8	39.1	24.3	28.8		Overall (I)	F	
		86.93	88.25	1.32	1.32	1	0.18	1.14	-	-	6.7	38.4	-	-	In-band	W. A.	F	
											7.1	42.2	-	-		W. A.	G	
											6.5	38.9	-	-		W. A.	F	
											7.5	41.5	24.5	26.5		Overall (I)	G	
											5.0	42.3	-	-	In-band	W. A.	F/G	
											5.9	34.3	-	-	In-band	W. A.	E	
											8.5	30.3	26.8	34.4		Overall (BCS)	E	
											8.2	34.7	25.6	31.5		Overall (I)	F	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 12	VII	89.05	91.55	2.50	2.50	3	0.65	1.85	-	-	5.1	39.9	-	-	In-band	W. A.	F	
											8.7	30.1	27.3	33.9		Overall (BCS)	E	
											7.3	40.1	24.5	28.1		Overall (I)	F / G	
	VI	93.10	94.10	1.00	0.30	-	-	-	-	-	7.2	18.2	-	-		W. A.	C	
		122.05	137.24	15.19	15.19	14	2.56	12.63	-	-	5.9	35.4	-	-	In-band	W. A.	F	
																		137.24m. to 137.34m. = 0.10m. sideritic shale band has not been analysed.
		137.34	144.47	7.13	7.13	8	2.68	4.45	-	-	6.1	43.3	-	-	In-band	W. A.	G	
																		144.47m. to 144.61m. = 0.14m. sideritic shale band has not been analysed.
		144.61	146.35	1.74	1.74	2	0.48	1.26	-	-	6.6	37.6	-	-	In-band	W. A.	F	
																		146.35m. To 146.50m. = 0.15m. Sideritic shale band has not been analysed.
		146.50	158.60	12.10	12.10	13	3.33	8.77	-	-	6.1	38.0	-	-	In-band	W. A.	F	
	LOCAL	122.05	158.60	36.55	36.55	-	-	-	-	-	9.5	28.4	26.9	35.2		Overall (BCS)	E	
											8.0	38.1	24.6	29.3		Overall (I)	F	
	LOCAL	168.88	169.65	0.77	0.77	-	-	-	-	-	7.1	20.6	-	-		W.A.	C	
	V	182.20	183.60	1.40	1.40	-	-	-	-	-	5.8	27.8	-	-		W.A.	D	
											8.6	29.2	27.4	34.8		Overall (I)	E	
		190.00	191.20	1.20	1.20	-	-	-	-	-	6.9	30.4	-	-		W.A.	E	
											9.7	31.1	25.1	34.1		Overall (I)	F	
		194.83	195.77	0.94	0.94	-	-	-	-	-	7.0	33.4	-	-		W.A.	E	
		194.83	196.15	1.32	1.32	-	-	-	-	-	7.9	38.5	23.0	30.6		Overall (I)	F	
		197.21	198.30	1.09	1.09	1	0.23	0.86	-	-	6.2	35.5	-	-	In-band	W.A.	F	
											8.3	35.6	24.0	32.1		Overall (I)	F	
	LOCAL	218.72	219.65	0.93	0.93	1	0.10	0.83	-	-	6.1	36.0	-	-	In-band	W.A.	F	
		218.30	219.65	1.35	1.35	-	-	-	-	-	7.0	44.3	22.2	26.5		Overall (I)	G	
		223.25	223.82	0.57	0.57	1	0.09	0.48	-	-	6.8	43.9	-	-	In-band	W.A.	G	
	LOCAL	236.65	236.91	0.26	0.26	-	-	-	-	-	6.8	37.6	-	-		W.A.	F	
	IV	248.82	249.39	0.57	0.57	-	-	-	-	-	5.1	45.8	-	-		W.A.	G	
																		249.39m to 249.47m = 0.08m sideritic shale band has not been analysed.
		249.47	250.31	0.84	0.84	1	0.18	0.66	-	-	5.9	36.5	-	-	In-band	W.A.	F	
		248.82	250.31	1.49	1.49	-	-	-	-	-						Overall (I)	G	
		255.08	255.62	0.54	0.54	-	-	-	-	-	4.9	37.9	-	-		W.A.	F	
		256.58	256.83	0.25	0.25	-	-	-	-	-	4.4	36.8	-	-		W.A.	F	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks	
AB - 12	IV	267.87	268.37	0.50	0.50	-	-	-	-	-	6.8	28.8	-	-	-	W. A.	E	266.65m to 267.87m = 1.22m has not been taken in computation but considered as carb. shale with thin coal band.	
		266.65	268.37	1.72	1.72	-	-	-	-	-	6.5	49.1	21.4	23.0	-	Overall (I)	Carb. shale		
		273.95	276.88	2.93	2.93	2	0.98	1.95	-	-	6.3	29.2	-	-	In-band	W. A.	E		
		276.88m to 277.23m = 0.35m sideritic shale band has not been analysed.																	
		277.23	281.45	4.22	4.22	3	1.01	3.21	-	-	5.7	37.9	-	-	In-band	W. A.	F		
		273.95	281.45	7.50	7.50	-	-	-	-	-	7.7	35.3	25.2	31.8	-	Overall (BCS)	F		
		-	-	-	-	-	-	-	-	-	6.9	43.2	22.5	27.4	-	Overall (I)	G		
		281.90	285.50	3.60	3.60	3	0.67	2.93	-	-	5.5	37.0	-	-	In-band	W. A.	F		
		-	-	-	-	-	-	-	-	-	8.2	32.5	25.4	33.9	-	Overall (BCS)	F		
		-	-	-	-	-	-	-	-	-	7.7	37.1	24.2	31.0	-	Overall (I)	F		
	LOCAL	318.32	318.85	0.53	0.53	-	-	-	-	-	5.1	44.3	-	-	-	W. A.	G		
		337.05	337.68	0.63	0.63	-	-	-	-	-	5.3	44.8	-	-	-	W. A.	G		
		338.98	339.55	0.57	0.57	-	-	-	-	-	6.0	38.2	-	-	-	W. A.	F		
		340.05	341.82	1.77	1.77	1	0.72	1.65	-	-	5.9	36.4	-	-	In-band	W. A.	F		
		357.95	358.43	0.48	0.48	-	-	-	-	-	7.9	37.9	-	-	-	Overall (I)	D		
	III	378.40	379.00	0.60	0.60	-	-	-	-	-	4.8	37.2	-	-	-	W. A.	F		
		406.65	407.45	0.80	0.80	-	-	-	-	-	5.8	20.4	-	-	-	W. A.	C		
		408.50	410.37	1.87	1.87	-	-	-	-	-	4.8	30.5	-	-	-	W. A.	E		
		408.50	410.50	2.00	2.00	-	-	-	-	-	8.0	28.1	28.2	35.7	-	Overall (I)	E		
		434.15	434.85	0.70	0.70	-	-	-	-	-	5.0	32.2	-	-	-	W. A.	E		
	II	489.00	489.80	0.80	0.80	-	-	-	-	-	4.7	25.3	-	-	-	W. A.	D	488.00m to 489.00m is considered as carb. shale with coal band. 494.48m to 495.45m is considered as carb. shale with thin coal band.	
		493.00	494.48	1.48	1.48	1	0.64	0.84	-	-	3.9	33.0	-	-	In-band	W. A.	E		
		-	-	-	-	-	-	-	-	-	6.7	35.9	25.8	31.6	-	Overall (I)	F		
		497.00	503.80	6.80	6.80	-	-	-	-	-	3.7	37.9	-	-	-	W. A.	F		
	-	-	-	-	-	-	-	-	-	-	5.4	38.4	25.5	30.7	-	Overall (I)	F		
	505.40	506.25	0.85	0.85	1	0.15	0.70	-	-	3.4	37.5	-	-	In-band	W. A.	E			

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band Thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks	
AB - 12	II	507.15	519.38	12.23	12.23	3	0.54	11.69	-	-	4.1	27.3	-	-	In-band	W. A.	D		
											6.6	24.9	29.4	39.1		Overall (BCS)	D		
											6.4	28.2	29.0	36.4		Overall (I)	E		
AB -13	LOCAL	96.30	96.78	0.48	0.48	-	-	-	-	-	11.1	30.1	-	-		W. A.	F	119.05m to 120.70m is considered as carb. shale with coal band.	
	VII	119.28	119.83	0.55	0.55	-	-	-	-	-	11.3	27.4	-	-			E		
		120.70	129.65	8.95	8.95	6	1.69	7.26	-	-	9.4	37.6	-	-	In-band	W. A.	F		
											10.4	34.9	24.2	30.5		Overall (BCS)	F		
											9.4	40.2	23.4	27.0		Overall (I)	G		
		131.35	132.35	1.00	1.00	1	0.11	0.89	-	-	9.0	30.6	-	-	In-band	W. A.	Overall (I)		E
											9.8	31.4	26.4	32.4			F		
		132.65	133.65	1.00	1.0	1	0.08	0.92	-	-	10.4	27.1	-	-	In-band	W. A.	Overall (I)		E
											10.5	29.4	27.5	32.6			E		
		134.85	137.55	2.70	2.70	-	-	-	-	-	10.0	28.5	-	-		W. A.	Overall (I)		E
											10.7	29.1	27.3	32.9			E		
		138.15	139.53	1.38	1.38	-	-	-	-	-	10.8	23.2	-	-		W. A.	Overall (I)		D
											11.2	24.7	28.7	35.4			E		
		143.65	148.15	4.50	4.50	2	0.73	3.77	-	-	10.5	26.5	-	-	In-band	W. A.	E		
											11.4	28.1	27.1	33.4		Overall (BCS)	E		
											10.6	32.5	26.3	30.6		Overall (I)	F		
		155.75	156.75	1.00	1.00	-	-	-	-	-	9.9	29.9	-	-		W. A.	E		
											11.0	30.4	24.9	33.7		Overall (I)	F		
	III	429.30	430.90	1.60	1.60	-	-	-	-	-	10.1	19.2	-	-		W. A.	C		
											11.7	18.0	29.0	41.3		Overall (I)	C/D		
431.10		432.40	1.30	1.30	-	-	-	-	-	10.5	16.7	-	-		W. A.	C			
										11.6	18.3	28.2	41.9		Overall (I)	D			
434.00		435.70	1.70	1.70	1	0.82	0.88	-	-	9.1	21.3	-	-	In-band	W. A.	D			
434.00		435.70	1.70	1.70						10.1	23.0	29.5	37.4		Overall (BCS)	D			
										7.3	41.8	25.8	25.1		Overall (I)	G			
436.25		438.25	2.00	2.00	1	0.20	1.80	-	-	8.6	26.3	-	-	In-band	W. A.	E			
										9.6	26.2	27.5	36.7		Overall (I)	E			
438.70		439.50	0.80	0.80	-	-	-	-	-	7.6	33.5	-	-		W. A.	F			
450.70	457.40	6.70	6.70	-	-	-	-	-	8.2	17.7	-	-		W. A.	C				
									9.1	18.7	31.9	40.3		Overall (I)	C				

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 13	III	461.50	470.00	8.50	8.50	1	0.14	8.36	-	-	8.4	18.9	-	-	In-band	W. A.	C	
											9.1	19.4	32.3	39.2		Overall (I)	C	
		471.60	472.60	1.00	1.00	-	-	-	-	-	8.3	24.9	-	-		W. A.	D	
											9.1	26.6	29.2	35.1		Overall (I)	E	
		474.05	474.70	0.65	0.65	-	-	-	-	-	7.8	33.1	-	-		W. A.	F	
		476.45	476.96	0.51	0.51	1	0.20	0.31	-	-	7.2	40.3	-	-	In-band	W. A.	F/G	
AB - 14	V	478.60	478.80	0.20	0.20	-	-	-	-	-	8.6	32.5	-	-		W. A.	F	
		481.40	482.00	0.60	0.60	-	-	-	-	-	9.1	23.6	-	-		W. A.	D	
		19.45	22.60	3.15	3.15	3	1.88	1.27	-	-	10.7	31.8	-	-	In-band	W. A.	F	
		19.45	22.60	3.15	3.15	-	-	-	-	-	7.9	43.9	22.2	26.0		Overall (I)	G	
		23.73	23.93	0.20	0.20	-	-	-	-	-	8.9	35.1	-	-		W. A.	F	
																		23.93m to 24.77m = 0.84m is considered as band of carbonaceous shale.
	LOCAL	24.77	25.05	0.28	0.28	-	-	-	-	-	8.6	37.8	-	-		W.A.	F	
		41.20	42.30	1.10	1.10	-	-	-	-	-	10.0	30.8	-	-		W.A.	F	
		110.95	111.11	0.16	0.16	-	-	-	-	-	9.9	27.3	-	-		W.A.	E	Excess in recovery hasd been adjusted in each band equally.
	III																	111.11m to 111.59m = 0.48m is considered as band of carbonaceous shale.
		111.59	111.75	0.16	0.16	-	-	-	-	-	11.6	28.0	-	-		W.A.	E	
		124.80	125.43	0.63	0.63	-	-	-	-	-	12.7	38.3	-	-		W.A.	G	125.43m to 126.35m is considered as carbonaceous shale with thin coal band.
		130.90	153.85	22.95	22.95	-	-	-	-	-	8.9	27.5	-	-		W.A.	E	
											9.5	27.2	27.1	36.2		Overall (I)	F	
		155.30	165.68	10.38	10.38	6	0.78	9.60	-	-	8.0	34.0	-	-	In-band	W.A.	F	
											8.7	34.0	24.8	32.5		Overall (I)	F	
											9.1	32.4	25.2	33.3		Overall (BCS)	F	
	III	171.45	173.00	1.55	1.55	1	0.12	1.43	-	-	8.0	37.6	-	-	In-band	W.A.	F	
											8.7	35.5	25.7	30.1		Overall (BCS)	F	
											8.5	38.2	25.4	27.9		Overall (I)	F	
		183.53	186.55	3.02	3.02	3	0.36	2.66	-	-	8.6	34.6	-	-	In-band	W.A.	F	
											9.3	32.6	25.0	33.1		Overall (BCS)	F	
											8.9	34.4	24.5	32.2		Overall (I)	F	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 14	II	218.00	221.60	3.60	3.60	3	0.45	3.15	-	-	7.5	30.2	-	-	In-band	W.A.	E	217.50m to 218.00m is considered as carbonaceous shale with coal band.
											8.2	31.6	26.4	33.8		Overall (BCS)	E	
											7.8	35.7	25.1	31.4		Overall (I)	F	
		228.15	249.05	20.90	20.90	4	1.49	19.41	-	-	8.0	27.4	-	-	In-band	W.A.	E	
											8.4	26.5	28.6	36.5		Overall (BCS)	E	
											8.0	30.3	27.8	33.9		Overall (I)	E	
		252.60	261.00	8.40	8.40	6	1.35	7.05	-	-	6.9	35.9	-	-	In-band	W.A.	F	
											7.5	33.8	26.5	32.2		Overall (BCS)	F	
											7.1	36.4	24.8	31.7		Overall (I)	F	
	LOCAL	269.37	269.55	0.18	0.18	-	-	-	-	-	7.2	30.7	-	-		W.A.	E	277.65m to 278.02m is band of carbonaceous shale.
		277.55	277.65	0.10	0.10	-	-	-	-	-	6.8	29.8	-	-		W.A.	E	
		278.02	278.15	0.13	0.13	-	-	-	-	-	9.7	23.9	-	-		W.A.	D	
AB - 15	VIII	18.30	19.20	0.90	0.90	-	-	-	-	-	6.2	45.3	-	-		W.A.	G	Shortage of recovery is adjusted equally in each band.
											7.8	47.1	21.3	23.8		Overall (I)	G	
		21.60	26.35	4.75	4.55						10.60	29.2	26.0	34.2		Overall (BCS)	E	
											7.6	48.3	21.5	22.6		Overall (I)	carb. shale	
		21.90	22.58	0.68	0.64						7.8	31.6	-	-	In-band	W.A.	E	
		23.75	25.61	1.86	1.77	3	0.45	1.32	-	-	8.0	36.6	-	-	In-band	W.A.	F	
	LOCAL	158.10	159.40	1.30	1.84	2	0.48	0.82	-	-	6.7	43.3	-	-	In-band	W. A.	G	Excess in recovery is adjusted equally in each band.
		158.10	159.40	1.30		-					10.4	30.6	25.1	33.9		Overall (BCS)	F	
											8.0	44.0	22.1	25.9		Overall (I)	G	
	VII	177.55	178.15	0.60	0.60	-	-	-	-	-	8.0	25.9	-	-		W. A.	D	Shortage of recovery is adjusted equally in each band.
		185.18	186.50	1.32	1.32	1	0.32	1.00	-	-	8.6	24.7	-	-	In-band	W. A.	D	
											8.6	39.5	24.6	27.3		Overall (I)	G	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 15	VIII	187.55	188.35	0.50	0.50	-	-	-	-	-	6.1	27.0	-	-	In-band	W. A.	D	Shortage in recovery adjusted proportionately in each band.
		193.15	200.65	7.50	7.50	5	1.16	6.34	-	-	7.7	29.7	-	-		W. A.	E	
											10.2	24.0	29.6	36.2		Overall (BCS)	D/E	
		207.85	209.10	1.25	1.25	-	-	-	-	-	9.1	31.1	27.3	32.5	Overall (I)	E/F		
											7.8	34.7	-	-	W. A.	F		
	215.55	216.10	0.55	0.35	1	0.07	0.28	-	-	9.1	34.2	26.6	30.1	In-band	Overall (I)	F		
										7.2	34.5	-	-		W. A.	F		
	LOCAL	229.25	229.40	0.15	0.15	-	-	-	-	-	10.6	26.4	-	-		W. A.	E	
	VI	270.78	270.92	0.14	0.13	-	-	-	-	-	5.1	40.0	-	-		W. A.	F	
	LOCAL	291.34	291.95	0.61	0.61	-	-	-	-	-	4.8	40.8	-	-		W. A.	F	
	V	310.70	311.49	0.79	0.79	1	0.27	0.52	-	-	4.2	47.0	-	-	In-band	W. A.	G	Carbonaceous shale.
		311.49m to 311.55m = 0.07m gray shale is not considered for analysis.																
		311.56	312.25	0.69	0.69	1	0.14	0.55	-	-	5.3	38.4	-	-	In-band	W. A.	F	
		310.70	312.25	1.55	1.55	-	-	-	-	-	9.1	30.9	25.8	34.2		Overall (BCS)	F	
											7.5	45.5	21.3	25.7	Overall (I)	G		
313.35		315.25	1.90	1.90	2	0.24	1.66	-	-	6.1	32.4	-	-	In-band	W. A.	E		
										9.1	31.6	26.5	32.8		Overall (BCS)	E/F		
										8.5	37.3	24.8	29.4	Overall (I)	F			
316.30		317.80	1.50	1.50	2	0.37	1.13	-	-	5.7	36.7	-	-	In-band	W. A.	F		
										10.5	25.8	27.5	36.2		Overall (BCS)	E		
									8.8	39.3	23.5	28.4	Overall (I)	G				
318.15	324.95	6.80	6.80	7	1.54	5.26	-	-	4.8	40.9	-	-	In-band	W. A.	F			
									8.3	36.1	23.6	32.0		Overall (BCS)	F			
									7.7	44.5	24.5	23.3	Overall (I)	G				
328.95	329.95	1.00	0.80	-	-	-	-	-	-	3.4	60.4	-	-		W. A.			

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks		
AB - 15	V	338.28	339.70	1.42	1.32	2	0.33	1.09	-	-	5.7	37.7	-	-	In-band	W. A.	F	Shortage of recovery is adjusted proportionately in each band. Hence, 334.90m to 338.28m is considered as carb. shale with thin coal bands.		
		338.45	339.70	1.25	1.25	-	-	-	-	-	8.3	41.3	23.1	27.3	-	Overall (I)	G			
		341.50	342.70	1.20	1.20	2	0.50	0.70	-	-	3.9	51.6	-	-	In-band	W. A.	G			
		345.50	346.50	1.00	0.95	-	-	-	-	-	5.5	39.0	-	-	-	W. A.	F			
	IV	384.50	388.75	4.25	4.25	2	0.47	3.78	-	-	6.0	33.3	-	-	In-band	W. A.	E			
		405.25	406.95	1.70	1.70	1	0.57	1.13	-	-	9.5	28.8	25.7	36.0	-	Overall (BCS)	E			
											9.3	31.3	24.6	34.8	-	Overall (I)	E			
											4.6	41.1	-	-	In-band	W. A.	F			
											8.2	42.4	24.9	24.5	-	Overall (BCS)	G			
		7.7	46.7	23.4	22.2	-	Overall (I)	G												
		LOCAL	444.02	444.73	0.71	0.71	1	0.48	0.23	-	-	5.3	32.8	-	-	In-band	W. A.		E	Shortage of recovery is adjusted proportionately in each band.
			445.60	446.75	1.15	1.15	2	0.27	0.88	-	-	5.6	37.1	-	-	In-band	W. A.		F	
	447.65		447.85	0.20	0.20	-	-	-	-	-	8.3	37.3	24.6	29.8	-	Overall (I)	F			
	448.15		451.16	3.01	2.84	-	-	-	-	-	5.4	32.2	-	-	-	W. A.	E			
	451.16m to 452.02m = 0.86m is considered as carbonaceous shale with thin coal bands.																			
	452.02		453.10	1.08	1.00	-	-	-	-	-	3.7	32.0	-	-	-	W. A.	E			
	448.15		453.10	4.95	4.95	-	-	-	-	-	8.3	36.1	25.5	30.1	-	Overall (BCS)	F			
	7.1		44.3	22.5	26.1	-	Overall (I)	G												
	AB - 16	LOCAL	132.00	133.20	1.20	1.20	-	-	-	-	-	6.3	60.4	-	-	-	W. A.	Carb. shale		
		VIII	242.40	243.10	0.70	0.70	-	-	-	-	-	7.9	30.1	-	-	-	W. A.	E		
LOCAL		275.60	276.15	0.55	0.55	-	-	-	-	-	7.6	32.2	-	-	-	W. A.	E			
		284.10	285.40	1.30	1.30	-	-	-	-	-	7.8	33.2	-	-	In-band	W. A.	F			
			1.30	1.30	-	-	-	-	-	9.0	34.3	26.8	29.9	-	Overall (I)	F				

- 1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band Thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks	
AB - 16	LOCAL	286.80	288.00	1.20	1.20	1	0.13	1.07	-	-	8.3	33.6	-	-	In-band	W. A.	F	327.60m to 327.77m is considered as carb. shale with very thin coal band	
				1.20	1.20						9.7	35.5	24.3	30.5		Overall (I)	F		
		314.50	315.50	1.00	1.00	1	0.37	0.63	-	-	9.2	22.2	-	-	In-band	W. A.	D		
				1.00	1.00						9.1	36.7	24.0	30.2		Overall (I)	F		
		327.77	328.30	0.53	0.53	-	-	-	-	-	7.8	29.6	-	-		W. A.	E		
		345.75m to 346.12m is carbonaceous shale band.																	
		346.12	346.30	0.18	0.18	-	-	-	-	-	8.1	33.4	-	-		W. A.	F		
	346.30m to 346.62m is carbonaceous shale band.																		
		346.62	346.75	0.13	0.13	-	-	-	-	-	10.2	18.5	-	-		W. A.	C		
	346.75m to 347.20m is carbonaceous shale band.																		
	VII	406.71	414.00	7.29	7.29	5	0.75	6.54	-	-	8.1	29.1	-	-	In-band	W. A.	E		
		406.35	414.00	7.65	7.65						9.3	23.7	29.7	37.3		Overall (BCS)	D		
										9.0	29.9	27.4	33.7		Overall (I)	E			
417.85		418.65	0.80	0.80	-	-	-	-	-	6.6	49.7	-	-	-	W. A.	Carb. shale			
AB - 17	V + IV	17.15	17.62	0.47	0.47	-	-	-	-	-	12.8	26.6	-	-	-	W. A.	E	-	
		23.30	28.75	5.45	5.45	5	0.78	4.67	-	-	11.7	32.9	-	-	In-band	W. A.	F		
											10.6	30.0	25.3	34.1		Overall (BCS)	E/F		
											9.7	34.3	24.4	31.6		Overall (I)	F		
		29.75	30.45	0.70	0.70	-	-	-	-	-	9.1	48.6	-	-		W. A.	Carb. shale		
		32.25m to 37.62m = 5.37m is carbonaceous shale with thin coal bands.																	
		37.62	40.39	2.77	2.77	2	0.54	2.23	-	-	12.5	34.3	-	-	In-band	W. A.	F		
		37.62	40.39	2.77	2.77						10.7	36.1	24.2	29.0	Sec 1	Overall (BCS)	F		
											10.7	38.6	24.5	26.2	Sec 1	Overall (I)	G		
		32.25	40.39	8.14	8.14	-	-	-	-	-	11.4	35.4	24.9	28.3		Overall (BCS)	F		
											9.8	42.9	22.0	25.3		Overall (I 100)	G		
		51.43	52.62	1.19	1.19	1	0.79	0.40	-	-	13.4	26.4	-	-	In-band	W. A.	E		
59.30	60.18	0.88	0.88	-	-	-	-	-	9.7	43.9	-	-	In-band	W. A.	G				
64.40	64.75	0.35	0.35	-	-	-	-	-	12.2	29.6	-	-		W. A.	F				

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 17	V + IV	71.04	72.00	0.96	0.96	-	-	-	-	-	11.5	29.1	-	-	In-band	W. A.	F	Shortage of recovery is adjusted proportionately in each band. 189.00m to 190.50m is considered as carbonaceous shale with coal band.
		78.20	80.17	1.97	1.97	3	0.80	1.17	-	-	10.6	30.7	26.2	32.5		Overall (I)	F	
		78.20	80.17	1.97	1.97	-	-	-	-	-	10.0	36.2	-	-	In-band	W. A.	F	
		83.45	83.93	0.48	0.48	-	-	-	-	-	9.9	39.0	23.7	27.4		Overall (I)	G	
		96.56	100.25	3.69	3.69	6	1.11	2.58	-	-	9.5	33.1	-	-	In-band	W. A.	F	
		94.20	100.25	6.05	6.05	-	-	-	-	-	9.4	40.6	-	-		W. A.	G	
		103.45	107.45	4.00	4.00	2	0.23	3.77	-	-	10.9	26.8	27.3	35.0	In-band	Overall (BCS)	E	
											8.7	42.3	22.4	26.6		Overall (I)	G	
											10.7	27.2	-	-	In-band	W. A.	E	
											11.1	25.8	26.6	36.5		Overall (BCS)	E	
											11.0	25.0	25.8	35.2		Overall (I)	E	
	III + II	165.60	172.20	6.60	6.60	1	0.20	6.40	-	-	9.7	24.5	-	-	In-band	W. A.	D/E	
		179.50	183.35	3.85	3.75	3	0.47	3.28	-	-	10.3	24.6	28.2	36.9	In-band	Overall (I)	E	
		179.50	183.35	3.85	3.75	-	-	-	-	-	9.8	30.8	-	-	In-band	W. A.	F	
											10.4	28.6	25.9	35.1		Overall (BCS)	E	
		190.50	195.50	5.00	5.00	1	0.25	4.75	-	-	9.6	31.4	24.6	34.4		Overall (I)	F	
		189.90	195.50	5.60	5.61	-	-	-	-	-	8.6	31.4	-	-	In-band	W. A.	E/F	
											9.0	30.2	25.8	35.0		Overall (BCS)	E	
											8.7	34.4	24.3	32.6		Overall (I)	F	
		214.00	215.75	1.75	1.75	1	0.32	1.43	-	-	10.1	21.6	-	-	In-band	W.A.	D	
		214.00	215.75	1.75	1.75	-	-	-	-	-	8.6	34.00	29.3	28.1		Overall (I)	F	
		216.80	219.15	2.35	2.35	-	-	-	-	-	9.7	22.6	-	-	In-band	W. A.	D	
											9.8	24.0	28.0	38.2		Overall (I)	D / E	
		221.30	232.30	11.00	11.00	3	0.36	10.64	-	-	8.8	30.5	-	-	In-band	W. A.	E	
											7.8	31.8	28.0	32.4		Overall (I)	E	
		234.10	237.50	3.40	3.40	1	0.10	3.30	-	-	7.9	32.2	-	-	In-band	W. A.	E	
											7.6	33.3	25.0	34.1		Overall (I)	F	
		238.40	241.10	2.70	2.70	3	0.42	2.28	-	-	8.2	31.6	-	-	In-band	W. A.	E	
											8.3	28.4	27.8	35.5		Overall (BCS)	E	
											8.5	32.7	26.4	32.4		Overall (I)	F	
		243.80	245.59	1.79	1.79	-	-	-	-	-	7.5	32.7	-	-	In-band	W. A.	E	
											8.5	31.9	25.6	34.0		Overall (I)	E	
		246.97	247.91	0.94	0.94	2	0.42	0.52	-	-	7.5	35.5	-	-	In-band	W. A.	F	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 17	III + II	250.75	255.30	4.55	4.55	2	0.25	4.30	-	-	8.0	31.6	-	-	In-band	W. A.	E	
		255.80	262.61	6.81	6.81	3	1.01	5.70	-	-	8.4	32.6	26.4	32.6	Inband	Overall (I)	F	
											6.9	38.0	-	-		W. A.	F	
											7.1	37.3	24.4	31.2		Overall (BCS)	F	
											6.9	39.8	23.6	29.7		Overall (I)	F	
	LOCAL	264.35	264.95	0.60	0.60	-	-	-	-	-	4.1	59.4	-	-		W. A.	Carb. shale	
		318.35	319.15	0.80	0.80	-	-	-	-	-	6.4	48.7	-	-		W. A.	Carb. shale	
		319.89	320.40	0.51	0.51	-	-	-	-	-	6.7	40.7	-	-		W. A.	F/G	
AB - 18	LOCAL	21.60	22.30	0.70	0.60	1	0.08	0.52	-	-	4.3	35.0	-	-	In-band	W. A.	E	Shortage of recovery is adjusted proportionately in each band.
		46.65	47.50	0.85	0.85	-	-	-	-	-	13.4	24.4	-	-		W. A.	E	
	VII	55.80	58.50	2.70	2.70	1	0.15	2.55	-	-	11.1	30.0	-	-	In-band	W. A.	F	
											11.7	29.6	27.9	30.8		Overall (BCS)	F	
											10.9	32.4	26.6	30.1		Overall (I)	F	
		70.30	78.45	8.15	8.15	7	0.64	7.51	-	-	10.5	22.5	-	-	In-band	W. A.	D	
											12.3	21.7	30.1	35.9		Overall (BCS)	D	
											11.6	26.0	28.5	33.9		Overall (I)	E	
		79.25	80.85	1.60	1.60	1	0.07	1.53	-	-	12.3	29.7	-	-	In-band	W. A.	F	
											11.7	31.4	26.1	30.8		Overall (I)	F	
	LOCAL	93.20	94.35	1.15	1.15	-	-	-	-	-	8.8	51.8	-	-		W. A.	Carb. shale	
		104.48	105.60	1.12	1.12	2	0.45	0.67	-	-	9.1	45.4	-	-	In-band	W. A.	G	
	VI										10.2	44.4	20.0	25.4		Overall (I)	G	124.30m to 124.77m = 0.47m is carbonaceous shale with one thin coal bands.
		124.77	125.10	0.33	0.33	-	-	-	-	-	7.8	44.0	-	-		W. A.	G	
		126.80	127.40	0.60	0.60	-	-	-	-	-	9.5	32.4	-	-		W. A.	F	
		130.65	131.75	1.10	1.10	-	-	-	-	-	9.6	32.6	-	-		W. A.	F	
											10.8	31.3	26.4	31.5		Overall (I)	F	
		132.65	140.40	7.75	7.75	11	2.51	5.24	-	-	9.9	40.5	-	-	In-band	W. A.	G	
											11.3	29.8	27.3	31.6		Overall (BCS)	F	
											8.8	42.1	23.4	25.7		Overall (I)	G	

- 1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 18	VI	151.85	153.25	1.40	1.40	3	0.54	0.86	-	-	8.4	43.5	-	-	In-band	W. A.	G	
											12.5	27.6	25.8	34.1		Overall (BCS)	E/F	
											10.5	39.2	22.5	27.8		Overall (I)	G	
	V	158.00	158.37	0.37	0.37	-	-	-	-	-	9.9	29.9	-	-		W. A.	E	
	LOCAL	159.52	159.70	0.18	0.18	-	-	-	-	-	10.1	29.7	-	-		W. A.	E	
	IV	195.40	195.93	0.53	0.53	-	-	-	-	-	11.1	21.4	-	-		W. A.	D	
		204.15	208.40	4.25	4.25	5	0.70	3.55	-	-	9.2	33.6	-	-	In-band	W. A.	F	
											11.4	28.1	25.0	35.5		Overall (BCS)	E	
											10.4	34.5	23.2	31.9		Overall (I)	F	
	LOCAL	209.73	209.89	0.16	0.16	-	-	-	-	-	10.7	29.7	-	-		W. A.	E/F	
		221.82	223.05	1.23	1.23	1	0.17	1.06	-	-	9.5	39.7	-	-	In-band	W. A.	G	
											10.1	37.4	24.3	28.2		Overall (BCS)	F/G	
											8.9	42.8	22.7	25.6		Overall (I)	G	
	IV	240.97	243.30	2.33	2.33	1	0.12	2.21	-	-	7.6	41.0	-	-	In-band	W. A.	G	
											8.2	42.5	22.6	26.7		Overall (I)	G	
		259.65	260.35	0.70	0.70	-	-	-	-	-	7.7	29.6	-	-		W. A.	E	Shortage of recovery is adjusted proportionately.
		261.91	265.12	3.21	3.21	4	0.67	2.54	-	-	6.6	41.0	-	-	In-band	W. A.	G	Shortage of recovery is adjusted proportionately in each band.
		261.91	267.20	5.29	5.29						9.3	31.6	26.2	32.9		Overall (BCS)	F	
											7.6	43.2	22.2	27.0		Overall (I)	G	
		274.67	277.30	2.63	2.63	4	1.13	1.50	-	-	9.0	40.6	-	-	In-band	W. A.	G	
		274.67	277.30	2.63	2.63						10.1	28.5	26.5	34.9		Overall (BCS)	E	
											7.6	46.4	21.7	24.3		Overall (I)	G	
	LOCAL	281.22	282.98	1.76	1.76	1	0.17	1.59	-	-	11.5	28.7	-	-		W. A.	E/F	
	LOCAL	283.18	284.20	1.02	1.02	-	-	-	-	-	11.2	24.2	-	-		W. A.	E	
		281.22	284.20	2.98	2.98	-	-	-	-	-	9.3	25.9	26.2	38.6		Overall (BCS)	E	
											8.8	29.8	25.2	36.2		Overall (I)	E	

1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 18	III	375.95	391.90	15.95	15.95	2	0.40	15.55	-	-	6.4	28.0	-	-	In-band	W. A.	D/E	
											7.6	27.0	27.5	37.9		Overall (BCS)	E	
											6.8	28.7	28.2	36.3		Overall (I)	E	
		393.15	401.00	7.85	7.85	1	0.15	7.70	-	-	5.7	32.1	-	-	In-band	W. A.	E	
											7.5	33.0	25.9	33.6		Overall (I)	E/F	
		402.35	402.90	0.55	0.55	-	-	-	-	-	6.9	21.8	-	-		W. A.	C	
		407.80	408.75	0.95	0.95	-	-	-	-	-	5.0	39.3	-	-		W. A.	F	
											6.3	39.5	24.6	29.6		Overall (I)	F	
		421.00	421.95	0.95	0.95	-	-	-	-	-	6.0	30.4	-	-		W.A.	E	
											7.6	31.2	25.6	35.6		Overall (I)	E	
		435.70	440.00	4.30	4.30	-	-	-	-	-	5.6	33.5	-	-		W.A.	E	
											6.8	34.2	23.7	35.8		Overall (I)	F	
	LOCAL	447.45	448.35	0.90	0.90	1	0.20	0.70	-	-	5.4	36.7	-	-	In-band	W.A.	F	
AB - 19	VI	48.62	51.24	2.58	2.43	4	0.85	1.73			8.09	35.30	-	-	In-band	W.A.	F	Shortage of recovery is adjusted proportionately in each band.
		48.62	51.25	2.63							9.60	30.70	26.90	32.80	BCS	Overall	E/F	
											7.90	44.30	22.90	24.90	I	Overall	G	
	V + IV	110.00	115.50	5.50	5.50	7	1.85	3.65			7.73	39.56	-	-	In-band	W.A.	F	
		110.00	115.50	5.50	5.50						9.00	31.70	27.60	31.70	BCS	Overall	F	
											7.80	42.00	23.70	26.50	I	Overall	G	
		116.00	116.65	0.65	0.65						8.50	31.10	-	-		W.A.	E	
		148.17	148.50	0.33	0.33						8.50	27.00	-	-		W.A.	E	
		169.02	171.36	2.34	2.26	3	0.53	1.81			6.78	38.29	-	-	In-band	W.A.	F	Shortage of recovery is adjusted proportionately in each band.
		169.02	171.36	2.34							9.10	26.40	28.50	36.00	BCS	Overall	E	
											7.80	38.30	24.50	29.40	I	Overall	F	
		174.15	177.35	3.20	2.60	2	0.34	2.86			6.97	32.68	-	-	In-band	W.A.	E	Shortage of recovery is adjusted proportionately in each band.
		174.15	177.35	3.20							8.70	27.50	28.10	35.70	BCS	Overall	E	
											8.10	31.90	26.80	33.20	I	Overall	E	
	LOCAL	256.80	257.08	0.28	0.28						9.00	15.40	-	-		W.A.	C	
		Grey shale of 0.13m at 257.08m depth is not analysed and so it is considered as band.																
257.21		257.80	0.59	0.59						7.21	32.87	-	-	I	W.A.	E/F		
	256.80	257.80	1.00	1.00						8.00	29.90	28.10	34.00		Overall	F		

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2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

Borehole No	Seam Zone	From (m)	To (m)	Thickness (m)	Recovery (m)	No. of bands	Thickness of bands (m)	Ex-band thickness (m)	Adjusted Thickness of bands (m)	Adjusted Ex-band thickness (m)	M%	Ash%	V. M. %	F. C. %	Ex-band / In-band	Weighted average / overall	Grade	Remarks
AB - 19	III	293.30	321.00	27.70	27.70	5	1.13	26.57			6.88	29.64	—	—	In-band	W.A.	E	
		293.30	321.00	27.70							7.60	27.40	27.30	37.70	BCS	Overall	E	
											7.50	28.90	26.80	36.80	I	Overall	E	
		321.50	322.50	1.00	0.95	—	—				6.57	34.21	—	—	I	W.A.	E/F	
		321.50	322.50	1.00							7.00	36.60	25.60	38.80		Overall	E	
		327.10	330.35	3.25	3.25	1	0.20	3.05			7.18	31.81	—	—	In-band	W.A.	E	
		327.10	330.35	3.25							7.70	31.70	25.20	35.40	I	Overall	E	
		352.40	357.65	5.25	5.25	1	0.22	5.03			6.77	32.49	—	—	In-band	W.A.	E	
		352.40	357.65	5.25							7.20	33.60	24.70	34.50	I	Overall	E/F	
	II	378.10	385.10	7.00	7.00	3	0.70	6.30			7.60	27.57	—	—	In-band	W.A.	E	
		378.10	385.10	7.00							8.50	21.00	28.50	42.00	I	Overall	D	
		390.25	401.30	11.05	11.05	1	0.12	10.93	—	—	7.25	30.15	—	—	In-band	W.A.	E	
		390.25	401.30	11.05							7.00	31.40	26.90	34.70	I	Overall	E	
		404.70	410.20	5.50	5.50	—	—				6.95	30.93	—	—	I	W.A.	E	
		404.70	410.20	5.50							6.60	31.70	25.40	36.30		Overall	E	
		411.50	418.90	7.40	7.40	1	0.42	6.98			7.01	30.93	—	—	In-band	W.A.	E	
		411.50	418.90	7.40							6.70	30.70	27.00	35.60	BCS	Overall	E	
											6.50	32.90	26.00	34.60	I	Overall	E	

- 1) Overall (I): Overall analysis of coal including dirt bands of any thickness
2) Overall (BCS): Overall analysis of coal including shaly coal but excluding carbonaceous shale.

IDENTIFICATION REPORT OF FOSSILS

Name of the collector	:	Shri Kajal Mondal, Geologist(Jr.) Project – I, Coal Wing, GSI
Sample locations	:	Borehole samples of Borehole Nos. AB – 2, AB – 6 & AB – 8
Tentative Horizon	:	Raniganj and Barakar Formations
Identification by	:	Dr. G. Ahmed, Geologist(Sr.) Dr. Gyanchand, Asstt. Geologist

Sl. No.	Sample No.	Lithology	Identification	Tentative age
1.	1	Grey shale / silty shale	<u>Glosspteris nimishea</u>	Equivalent to Barakar and Raniganj Formations.
2.	3	Dark grey shale	<u>Glosspteris gondwanensis</u> <u>Bivalves</u> <u>Anthraconauta Sp.</u>	Equivalent to Raniganj Formation. Up. Carb. – Permian.
3.	7 & 9	Grey shale	<u>Pecopteris phegopteroides</u>	Equivalent to Barakar and Raniganj Formations.

Some of the fossil impressions are broken and have indistinct or superimposed impression.

Ref: - Letter no. Nil dt. 20.08.1992 from the Director, Palaeontology Division – II, GSI.

REPORT OF CHEMICAL ANALYSIS

(Supplied by Central Chemical Laboratory, GSI)

Laboratory No.	: 9563 (1 – 13)	Sample	: Fireclay
Sender	: Sri Kajal Mondal	Locality	: Auranga Coalfield
	Geologist (Jr.)		Palamau district, Bihar
Reference	: 373/1/FC/A/Auranga, dated 23.9.93	Analysed by	: Sri N.N. Saha
		Assisted by	: Sri P. K. Bandyopadhyay

Sl. No.	8	9	10	11	12	13
Sample No.	S – 1	S – 2	S – 3	S – 4	S – 5	S – 6
Description	Fire clay	Fire clay	Fire clay	Fire clay	Fire clay	Fire clay
SiO ₂ %	47.60	48.04	48.80	48.40	46.34	48.82
TiO ₂ %	2.05	2.15	2.82	1.99	0.88	1.82
Al ₂ O ₃ %	32.96	32.23	31.96	33.08	35.16	32.84
Fe ₂ O ₃ %	0.35	0.10	0.28	0.17	0.76	0.21
FeO %	0.90	0.80	0.70	0.90	0.90	0.70
MnO %	0.03	<0.01	<0.01	<0.01	0.01	0.01
CaO %	0.08	0.07	0.07	0.16	0.07	0.07
MgO %	0.11	0.14	0.10	0.20	0.12	0.15
Na ₂ O %	0.19	0.12	0.10	0.19	0.15	0.24
K ₂ O %	0.62	1.80	0.73	1.68	0.60	0.95
+ H ₂ O %	14.05	12.79	14.10	11.89	14.03	12.82
– H ₂ O %	0.33	0.51	0.44	0.71	0.87	0.64
P ₂ O ₅ %	0.24	0.14	<0.01	<0.01	<0.01	<0.01
Cr ₂ O ₃ %	0.28	0.34	0.13	0.11	0.22	0.20
L.O.I. %	14.40	13.33	14.56	12.63	14.72	13.72

APPENDIX - VII

**DEPTH-WISE, SEAM-WISE, BOREHOLE-WISE AND GRADE-WISE CATEGORISED RESERVES OF COAL
IN BANHARDI SECTOR, AURANGA COALFIELD, BIHAR**

(Reserves in million tonnes)

BOREHOLE NO	AREA (sq.km)	THICK NE&S(m)	INDICATED						INFERRED		GRAND
			GR.C	GR.D	GR.E	GR.F	GR.G	TOTAL	AREA	RE&ERVE	TOTAL
Depth Range: 0-300m											
Seam - VIII											
AB5	0.632	1.20	0.00	0.00	0.00	0.00	1.20	1.20	0.000	0.00	1.20
AB5	0.707	1.40	0.00	0.00	0.00	1.50	0.00	1.50	0.000	0.00	1.50
AB5	0.707	4.11	0.00	0.00	0.00	4.39	0.00	4.39	0.000	0.00	4.39
AB5	0.766	1.40	0.00	0.00	0.00	1.62	0.00	1.62	0.000	0.00	1.62
AB8	0.266	3.23	0.00	0.00	1.24	0.00	0.00	1.24	0.000	0.00	1.24
AB8	0.266	1.20	0.00	0.45	0.00	0.00	0.00	0.45	0.000	0.00	0.45
AB8	0.266	10.25	0.00	0.00	3.93	0.00	0.00	3.93	0.000	0.00	3.93
AB11	0.909	2.07	0.00	0.00	2.71	0.00	0.00	2.71	0.160	0.45	3.16
AB11	0.909	11.75	0.00	0.00	15.38	0.00	0.00	15.38	0.160	2.54	17.92
AB15	0.739	1.86	0.00	0.00	0.00	2.08	0.00	2.08	0.000	0.00	2.08
VIII Total			0.00	0.45	23.28	9.59	1.20	34.50		2.99	37.49
Seam - VII											
AB1	0.404	2.38	0.00	0.00	1.38	0.00	0.00	1.38	0.000	0.00	1.38
AB1	0.404	6.59	0.00	0.00	3.83	0.00	0.00	3.83	0.000	0.00	3.83
AB2	0.751	4.00	0.00	0.00	4.33	0.00	0.00	4.33	0.000	0.00	4.33
AB2	0.751	1.10	0.00	1.15	0.00	0.00	0.00	1.15	0.000	0.00	1.15
AB2	0.751	4.33	0.00	0.00	4.68	0.00	0.00	4.68	0.000	0.00	4.68
AB2	0.751	1.66	0.00	0.00	0.00	1.88	0.00	1.88	0.000	0.00	1.88
AB2	0.751	1.23	0.00	0.00	0.00	1.40	0.00	1.40	0.000	0.00	1.40
AB12	0.453	2.55	0.00	0.00	0.00	0.00	1.83	1.83	0.000	0.00	1.83
AB12	0.453	1.20	0.00	0.00	0.00	0.82	0.00	0.82	0.000	0.00	0.82
AB12	0.453	1.30	0.00	0.00	0.00	0.00	0.93	0.93	0.000	0.00	0.93
AB12	0.453	1.32	0.00	0.00	0.00	0.90	0.00	0.90	0.000	0.00	0.90
AB12	0.453	1.38	0.00	0.00	0.90	0.00	0.00	0.90	0.000	0.00	0.90
AB13	0.852	8.31	0.00	0.00	0.00	0.00	11.21	11.21	0.000	0.00	11.21
AB13	0.852	2.70	0.00	0.00	3.31	0.00	0.00	3.31	0.000	0.00	3.31
AB13	0.852	1.38	0.00	0.00	1.69	0.00	0.00	1.69	0.000	0.00	1.69
AB13	0.852	3.93	0.00	0.00	0.00	5.06	0.00	5.06	0.000	0.00	5.06
AB15	0.342	7.50	0.00	0.00	0.00	3.88	0.00	3.88	0.000	0.00	3.88
AB15	0.342	1.25	0.00	0.00	0.00	0.65	0.00	0.65	0.000	0.00	0.65
AB18	0.385	2.70	0.00	0.00	0.00	1.57	0.00	1.57	0.000	0.00	1.57
AB18	0.385	8.15	0.00	0.00	4.52	0.00	0.00	4.52	0.000	0.00	4.52
AB18	0.385	1.60	0.00	0.00	0.00	0.93	0.00	0.93	0.000	0.00	0.93
VII Total			0.00	1.15	24.84	17.08	13.87	58.86		0.00	58.86
Seam - VI+VII											
AB5	0.579	3.28	0.00	0.00	2.73	0.00	0.00	2.73	0.000	0.00	2.73
AB5	0.579	2.20	0.00	1.78	0.00	0.00	0.00	1.78	0.000	0.00	1.78
AB5	0.579	5.95	0.00	4.81	0.00	0.00	0.00	4.81	0.000	0.00	4.81
AB5	0.579	4.68	0.00	0.00	3.90	0.00	0.00	3.90	0.000	0.00	3.90
AB5	0.579	2.26	0.00	0.00	0.00	1.98	0.00	1.98	0.000	0.00	1.98
VI+VII Total			0.00	6.59	8.83	1.98	0.00	16.20		0.00	16.20
Seam - VI											
AB7	0.517	1.37	0.00	0.00	1.02	0.00	0.00	1.02	0.000	0.00	1.02
AB12	0.632	32.22	0.00	0.00	0.00	30.79	0.00	30.79	0.000	0.00	30.79
AB18	0.490	6.15	0.00	0.00	0.00	0.00	4.77	4.77	0.000	0.00	4.77
AB19	0.137	2.02	0.00	0.00	0.00	0.42	0.00	0.42	0.000	0.00	0.42
VI Total			0.00	0.00	0.00	31.21	4.77	37.00		0.00	37.00
Seam - V											
AB1	0.352	3.11	0.00	0.00	1.58	0.00	0.00	1.58	0.000	0.00	1.58
AB2	0.315	11.11	0.00	0.00	0.00	5.29	0.00	5.29	0.000	0.00	5.29
AB4	0.230	2.68	0.00	0.00	0.00	0.93	0.00	0.93	0.000	0.00	0.93
AB4	0.230	2.45	0.00	0.00	0.00	0.85	0.00	0.85	0.000	0.00	0.85

BOREHOLE NO	AREA (sq.km)	THICK NE 8 8(m)	INDICATED						INFERRED		GRAND TOTAL
			GR.C	GR.D	GR.E	GR.F	GR.G	TOTAL	AREA	RE 8ERVE	
AB6	0.188	1.20	0.00	0.00	0.00	0.00	0.36	0.36	0.000	0.00	0.36
AB6	0.207	1.89	0.00	0.00	0.00	0.59	0.00	0.59	0.000	0.00	0.59
AB6	0.231	2.77	0.00	0.00	0.92	0.00	0.00	0.92	0.000	0.00	0.92
AB7	0.690	7.75	0.00	0.00	7.70	0.00	0.00	7.70	0.000	0.00	7.70
AB10	0.120	4.40	0.00	0.00	0.76	0.00	0.00	0.76	0.000	0.00	0.76
AB10	0.120	7.50	0.00	0.00	1.30	0.00	0.00	1.30	0.000	0.00	1.30
AB12	0.693	1.40	0.00	0.00	1.40	0.00	0.00	1.40	0.000	0.00	1.40
AB12	0.693	1.20	0.00	0.00	0.00	1.26	0.00	1.26	0.000	0.00	1.26
AB15	0.028	1.55	0.00	0.00	0.00	0.00	0.07	0.07	0.000	0.00	0.07
AB15	0.028	1.90	0.00	0.00	0.00	0.08	0.00	0.08	0.000	0.00	0.08
AB15	0.028	1.50	0.00	0.00	0.00	0.00	0.07	0.07	0.000	0.00	0.07
AB15	0.028	6.02	0.00	0.00	0.00	0.00	0.27	0.27	0.000	0.00	0.27
AB15	0.028	1.41	0.00	0.00	0.00	0.00	0.06	0.06	0.000	0.00	0.06
AB18	0.344	4.25	0.00	0.00	0.00	2.21	0.00	2.21	0.000	0.00	2.21
AB18	0.344	1.23	0.00	0.00	0.00	0.00	0.67	0.67	0.000	0.00	0.67
V Total			0.00	0.00	13.88	11.21	1.60	26.69		0.00	26.69
Beam - IV+V											
AB5	0.168	1.50	0.00	0.00	0.36	0.00	0.00	0.36	0.000	0.00	0.36
AB5	0.020	1.89	0.00	0.00	0.00	0.06	0.00	0.06	0.000	0.00	0.06
AB5	0.020	5.95	0.00	0.00	0.00	0.00	0.19	0.19	0.000	0.00	0.19
AB5	0.020	1.50	0.00	0.00	0.00	0.00	0.05	0.05	0.000	0.00	0.05
AB5	0.020	3.45	0.00	0.00	0.00	0.10	0.00	0.10	0.000	0.00	0.10
AB17	0.226	5.45	0.00	0.00	0.00	1.86	0.00	1.86	0.000	0.00	1.86
AB17	0.226	2.41	0.00	0.00	0.00	0.00	0.86	0.86	0.000	0.00	0.86
AB17	0.226	1.29	0.00	0.00	0.00	0.00	0.46	0.46	0.000	0.00	0.46
AB17	0.226	3.37	0.00	0.00	0.00	0.00	1.21	1.21	0.000	0.00	1.21
AB17	0.226	4.00	0.00	0.00	1.30	0.00	0.00	1.30	0.000	0.00	1.30
AB19	0.338	3.92	0.00	0.00	0.00	0.00	2.10	2.10	0.000	0.00	2.10
AB19	0.338	2.34	0.00	0.00	0.00	1.20	0.00	1.20	0.000	0.00	1.20
AB19	0.338	2.90	0.00	0.00	1.41	0.00	0.00	1.41	0.000	0.00	1.41
IV+V Total			0.00	0.00	3.07	3.22	4.87	11.16		0.00	11.16
Beam - IV											
AB1	0.216	4.13	0.00	0.00	1.28	0.00	0.00	1.28	0.000	0.00	1.28
AB2	0.142	3.51	0.00	0.70	0.00	0.00	0.00	0.70	0.000	0.00	0.70
AB2	0.142	1.92	0.00	0.00	0.00	0.41	0.00	0.41	0.000	0.00	0.41
AB7	0.803	5.76	0.00	0.00	0.00	6.99	0.00	6.99	0.000	0.00	6.99
AB7	0.803	1.62	0.00	0.00	0.00	1.97	0.00	1.97	0.000	0.00	1.97
AB7	0.803	3.35	0.00	0.00	3.87	0.00	0.00	3.87	0.000	0.00	3.87
AB10	0.193	5.85	0.00	0.00	0.00	1.71	0.00	1.71	0.000	0.00	1.71
AB10	0.193	2.00	0.00	0.00	0.00	0.61	0.00	0.61	0.000	0.00	0.61
AB10	0.208	3.00	0.00	0.00	0.00	0.94	0.00	0.94	0.000	0.00	0.94
AB12	0.586	1.41	0.00	0.00	0.00	0.00	1.31	1.31	0.000	0.00	1.31
AB12	0.586	3.64	0.00	0.00	0.00	3.23	0.00	3.23	0.000	0.00	3.23
AB12	0.586	3.60	0.00	0.00	0.00	3.19	0.00	3.19	0.000	0.00	3.19
AB18	0.204	3.21	0.00	0.00	0.00	0.00	1.04	1.04	0.000	0.00	1.04
AB18	0.204	2.16	0.00	0.00	0.00	0.00	0.70	0.70	0.000	0.00	0.70
AB18	0.204	2.93	0.00	0.00	0.86	0.00	0.00	0.86	0.000	0.00	0.86
IV Total			0.00	0.70	8.01	13.44	3.88	23.81		0.00	23.81
Beam - III											
AB4	0.435	17.64	0.00	0.00	11.05	0.00	0.00	11.05	0.000	0.00	11.05
AB4	0.435	6.97	0.00	0.00	0.00	4.58	0.00	4.58	0.000	0.00	4.58
AB4	0.435	2.16	0.00	0.00	0.00	1.42	0.00	1.42	0.000	0.00	1.42
AB6	0.458	10.22	0.00	0.00	6.74	0.00	0.00	6.74	0.000	0.00	6.74
AB6	0.458	4.45	0.00	0.00	2.93	0.00	0.00	2.93	0.000	0.00	2.93
AB6	0.458	5.26	0.00	3.36	0.00	0.00	0.00	3.36	0.000	0.00	3.36
AB6	0.458	3.80	0.00	0.00	0.00	2.63	0.00	2.63	0.000	0.00	2.63
AB6	0.458	10.50	0.00	0.00	0.00	7.27	0.00	7.27	0.000	0.00	7.27
AB7	0.829	27.60	0.00	31.92	0.00	0.00	0.00	31.92	0.000	0.00	31.92
AB9	0.553	1.50	0.00	0.00	1.19	0.00	0.00	1.19	0.000	0.00	1.19
AB9	0.553	2.81	0.00	0.00	2.24	0.00	0.00	2.24	0.000	0.00	2.24
AB9	0.553	4.62	0.00	0.00	0.00	3.86	0.00	3.86	0.000	0.00	3.86
AB10	0.217	23.26	0.00	0.00	7.27	0.00	0.00	7.27	0.000	0.00	7.27

BOREHOLE NO	AREA (sq.km)	THICK NE 8 8(m)	INDICATED						INFERRED		GRAND TOTAL
			GR.C	GR.D	GR.E	GR.F	GR.G	TOTAL	AREA	RE 8ERVE	
AB10	0.217	5.40	0.00	0.00	1.69	0.00	0.00	1.69	0.000	0.00	1.69
AB12	0.385	1.87	0.00	0.00	0.00	1.09	0.00	1.09	0.000	0.00	1.09
AB13	0.194	1.60	0.00	0.43	0.00	0.00	0.00	0.43	0.000	0.00	0.43
AB13	0.194	1.30	0.34	0.00	0.00	0.00	0.00	0.34	0.000	0.00	0.34
AB13	0.194	2.00	0.00	0.00	0.56	0.00	0.00	0.56	0.000	0.00	0.56
AB13	0.194	6.70	1.75	0.00	0.00	0.00	0.00	1.75	0.000	0.00	1.75
AB13	0.194	8.50	2.23	0.00	0.00	0.00	0.00	2.23	0.000	0.00	2.23
AB14	0.393	22.95	0.00	0.00	12.99	0.00	0.00	12.99	0.000	0.00	12.99
AB14	0.393	10.38	0.00	0.00	0.00	6.17	0.00	6.17	0.000	0.00	6.17
AB14	0.393	1.55	0.00	0.00	0.00	0.92	0.00	0.92	0.000	0.00	0.92
AB14	0.393	3.02	0.00	0.00	0.00	1.79	0.00	1.79	0.000	0.00	1.79
AB19	0.164	27.23	0.00	0.00	6.43	0.00	0.00	6.43	0.000	0.00	6.43
AB19	0.164	3.25	0.00	0.00	0.77	0.00	0.00	0.77	0.000	0.00	0.77
AB19	0.164	5.25	0.00	0.00	0.00	1.30	0.00	1.30	0.000	0.00	1.30
III Total			4.32	35.71	53.38	31.03	0.00	124.82		0.00	124.82
Beam - II+III											
AB17	0.441	6.60	0.00	0.00	4.19	0.00	0.00	4.19	0.000	0.00	4.19
AB17	0.441	3.85	0.00	0.00	0.00	2.57	0.00	2.57	0.000	0.00	2.57
AB17	0.441	5.60	0.00	0.00	0.00	3.73	0.00	3.73	0.000	0.00	3.73
AB17	0.441	1.18	0.00	0.73	0.00	0.00	0.00	0.73	0.000	0.00	0.73
AB17	0.441	2.35	0.00	0.00	1.49	0.00	0.00	1.49	0.000	0.00	1.49
AB17	0.441	11.00	0.00	0.00	6.99	0.00	0.00	6.99	0.000	0.00	6.99
AB17	0.441	3.40	0.00	0.00	0.00	2.27	0.00	2.27	0.000	0.00	2.27
AB17	0.441	2.70	0.00	0.00	0.00	1.80	0.00	1.80	0.000	0.00	1.80
AB17	0.441	1.79	0.00	0.00	1.14	0.00	0.00	1.14	0.000	0.00	1.14
AB17	0.441	4.55	0.00	0.00	0.00	3.03	0.00	3.03	0.000	0.00	3.03
AB17	0.441	6.21	0.00	0.00	0.00	4.14	0.00	4.14	0.000	0.00	4.14
II+III Total			0.00	0.73	13.31	17.54	0.00	32.08		0.00	32.08
Beam - II											
AB4	0.527	15.20	0.00	0.00	11.53	0.00	0.00	11.53	0.000	0.00	11.53
AB4	0.527	4.25	0.00	0.00	0.00	3.39	0.00	3.39	0.000	0.00	3.39
AB4	0.527	3.57	0.00	0.00	0.00	2.84	0.00	2.84	0.000	0.00	2.84
AB4	0.527	10.45	0.00	0.00	7.93	0.00	0.00	7.93	0.000	0.00	7.93
AB6	0.403	1.60	0.00	0.00	0.00	0.97	0.00	0.97	0.000	0.00	0.97
AB7	0.411	38.51	0.00	0.00	22.79	0.00	0.00	22.79	0.000	0.00	22.79
AB9	0.744	13.77	0.00	0.00	14.75	0.00	0.00	14.75	0.000	0.00	14.75
AB9	0.744	4.30	0.00	0.00	0.00	4.84	0.00	4.84	0.000	0.00	4.84
AB9	0.744	7.38	0.00	0.00	0.00	8.30	0.00	8.30	0.000	0.00	8.30
AB12	0.153	1.48	0.00	0.00	0.33	0.00	0.00	0.33	0.000	0.00	0.33
AB12	0.153	6.80	0.00	0.00	0.00	1.57	0.00	1.57	0.000	0.00	1.57
AB12	0.153	12.23	0.00	0.00	2.69	0.00	0.00	2.69	0.000	0.00	2.69
AB14	0.345	3.60	0.00	0.00	0.00	1.88	0.00	1.88	0.000	0.00	1.88
AB14	0.345	19.80	0.00	0.00	9.84	0.00	0.00	9.84	0.000	0.00	9.84
AB14	0.345	7.91	0.00	0.00	0.00	4.13	0.00	4.13	0.000	0.00	4.13
AB19	0.067	5.54	0.50	0.00	0.00	0.00	0.00	0.50	0.000	0.00	0.50
AB19	0.067	11.05	0.00	0.00	1.07	0.00	0.00	1.07	0.000	0.00	1.07
AB19	0.067	5.50	0.00	0.00	0.53	0.00	0.00	0.53	0.000	0.00	0.53
AB19	0.067	6.98	0.00	0.00	0.67	0.00	0.00	0.67	0.000	0.00	0.67
II Total			0.50	0.00	72.13	27.82	0.00	100.66		0.00	100.66
0-300 Total			4.32	45.33	218.09	188.23	28.97	487.44		2.98	470.43
Depth Range: 300m-600m											
Beam - VIII											
AB8	1.056	3.23	0.00	0.00	4.91	0.00	0.00	4.91	0.000	0.00	4.91
AB8	1.056	1.20	0.00	1.77	0.00	0.00	0.00	1.77	0.000	0.00	1.77
AB8	1.056	10.25	0.00	0.00	15.59	0.00	0.00	15.59	0.000	0.00	15.59
AB11	0.618	2.07	0.00	0.00	1.84	0.00	0.00	1.84	0.919	2.57	4.41
AB11	0.618	11.75	0.00	0.00	10.46	0.00	0.00	10.46	0.919	14.58	25.04
AB15	0.071	1.86	0.00	0.00	0.00	0.20	0.00	0.20	0.202	0.51	0.71
VIII Total			0.00	1.77	32.30	0.20	0.00	34.77		17.86	52.43

BOREHOLE NO	AREA (sq.km)	THICK NESS (m)	INDICATED						INFERRED		GRAND
			GR.C	GR.D	GR.E	GR.F	GR.G	TOTAL	AREA	RESERVE	TOTAL
Beam - VII											
AB1	0.050	2.38	0.00	0.00	0.17	0.00	0.00	0.17	0.000	0.00	0.17
AB1	0.050	6.59	0.00	0.00	0.47	0.00	0.00	0.47	0.000	0.00	0.47
AB2	0.307	4.00	0.00	0.00	1.77	0.00	0.00	1.77	0.236	1.27	3.04
AB2	0.307	1.10	0.00	0.47	0.00	0.00	0.00	0.47	0.236	0.35	0.82
AB2	0.307	4.33	0.00	0.00	1.91	0.00	0.00	1.91	0.236	1.38	3.29
AB2	0.307	1.66	0.00	0.00	0.00	0.77	0.00	0.77	0.236	0.53	1.30
AB2	0.307	1.23	0.00	0.00	0.00	0.57	0.00	0.57	0.236	0.39	0.96
AB3	0.964	1.40	0.00	0.00	1.94	0.00	0.00	1.94	0.049	0.09	2.03
AB11	1.282	1.85	0.00	0.00	0.00	0.00	3.76	3.76	0.476	1.19	4.95
AB11	1.282	3.40	0.00	0.00	0.00	0.00	6.90	6.90	0.476	2.18	9.08
AB11	1.282	5.42	0.00	0.00	0.00	0.00	11.01	11.01	0.476	3.48	14.49
AB15	0.594	7.50	0.00	0.00	0.00	6.74	0.00	6.74	0.119	1.20	7.94
AB15	0.594	1.25	0.00	0.00	0.00	1.12	0.00	1.12	0.119	0.20	1.32
AB16	0.885	6.97	0.00	0.00	8.88	0.00	0.00	8.88	0.000	0.00	8.88
VII Total			0.00	0.47	16.14	8.20	21.87	48.48		12.28	63.74
Beam -VI+VIII											
AB5	0.578	3.28	0.00	0.00	2.73	0.00	0.00	2.73	0.000	0.00	2.73
AB5	0.578	2.20	0.00	1.77	0.00	0.00	0.00	1.77	0.000	0.00	1.77
AB5	0.578	5.95	0.00	4.80	0.00	0.00	0.00	4.80	0.000	0.00	4.80
AB5	0.578	4.68	0.00	0.00	3.90	0.00	0.00	3.90	0.000	0.00	3.90
AB5	0.578	2.26	0.00	0.00	0.00	1.98	0.00	1.98	0.000	0.00	1.98
VI+VIII Total			0.00	8.57	8.83	1.88	0.00	16.18		0.00	16.18
Beam -VI											
AB3	0.628	11.04	0.00	9.67	0.00	0.00	0.00	9.67	0.000	0.00	9.67
AB3	0.628	1.24	0.00	0.00	0.00	1.18	0.00	1.18	0.000	0.00	1.18
VI Total			0.00	9.67	0.00	1.18	0.00	10.85		0.00	10.85
Beam - V											
AB1	0.102	3.11	0.00	0.00	0.46	0.00	0.00	0.46	0.000	0.00	0.46
AB2	0.576	11.11	0.00	0.00	0.00	9.68	0.00	9.68	0.000	0.00	9.68
AB15	0.837	1.55	0.00	0.00	0.00	0.00	2.06	2.06	0.000	0.00	2.06
AB15	0.837	1.90	0.00	0.00	0.00	2.40	0.00	2.40	0.000	0.00	2.40
AB15	0.837	1.50	0.00	0.00	0.00	0.00	1.99	1.99	0.000	0.00	1.99
AB15	0.837	6.02	0.00	0.00	0.00	0.00	7.98	7.98	0.000	0.00	7.98
AB15	0.837	1.41	0.00	0.00	0.00	1.78	0.00	1.78	0.000	0.00	1.78
AB18	0.020	4.25	0.00	0.00	0.00	0.13	0.00	0.13	0.000	0.00	0.13
AB18	0.020	1.23	0.00	0.00	0.00	0.00	0.04	0.04	0.000	0.00	0.04
V Total			0.00	0.00	0.46	13.88	12.07	28.62		0.00	28.62
Beam - IV+V											
AB5	0.792	1.50	0.00	0.00	1.71	0.00	0.00	1.71	0.000	0.00	1.71
AB5	0.940	1.89	0.00	0.00	0.00	2.69	0.00	2.69	0.000	0.00	2.69
AB5	0.940	5.95	0.00	0.00	0.00	0.00	8.86	8.86	0.000	0.00	8.86
AB5	0.940	1.50	0.00	0.00	0.00	0.00	2.23	2.23	0.000	0.00	2.23
AB5	0.940	3.45	0.00	0.00	0.00	4.90	0.00	4.90	0.000	0.00	4.90
IV+V Total			0.00	0.00	1.71	7.58	11.08	20.38		0.00	20.38
Beam - IV											
AB1	0.238	4.13	0.00	0.00	1.42	0.00	0.00	1.42	0.000	0.00	1.42
AB2	0.749	3.51	0.00	3.67	0.00	0.00	0.00	3.67	0.000	0.00	3.67
AB2	0.749	1.92	0.00	0.00	0.00	2.17	0.00	2.17	0.000	0.00	2.17
AB7	0.118	5.76	0.00	0.00	0.00	1.03	0.00	1.03	0.000	0.00	1.03
AB7	0.118	1.62	0.00	0.00	0.00	0.29	0.00	0.29	0.000	0.00	0.29
AB7	0.118	3.35	0.00	0.00	0.57	0.00	0.00	0.57	0.000	0.00	0.57
AB12	0.232	1.41	0.00	0.00	0.00	0.00	0.52	0.52	0.000	0.00	0.52
AB12	0.232	3.64	0.00	0.00	0.00	1.28	0.00	1.28	0.000	0.00	1.28
AB12	0.232	3.60	0.00	0.00	0.00	1.26	0.00	1.26	0.000	0.00	1.26
AB15	0.634	4.25	0.00	0.00	3.88	0.00	0.00	3.88	0.000	0.00	3.88
AB15	0.634	1.70	0.00	0.00	0.00	0.00	1.71	1.71	0.000	0.00	1.71
AB18	0.160	3.21	0.00	0.00	0.00	0.00	0.81	0.81	0.000	0.00	0.81
AB18	0.160	2.16	0.00	0.00	0.00	0.00	0.55	0.55	0.000	0.00	0.55
AB18	0.160	2.93	0.00	0.00	0.68	0.00	0.00	0.68	0.000	0.00	0.68
IV Total			0.00	3.67	6.56	8.03	3.68	18.34		0.00	18.34

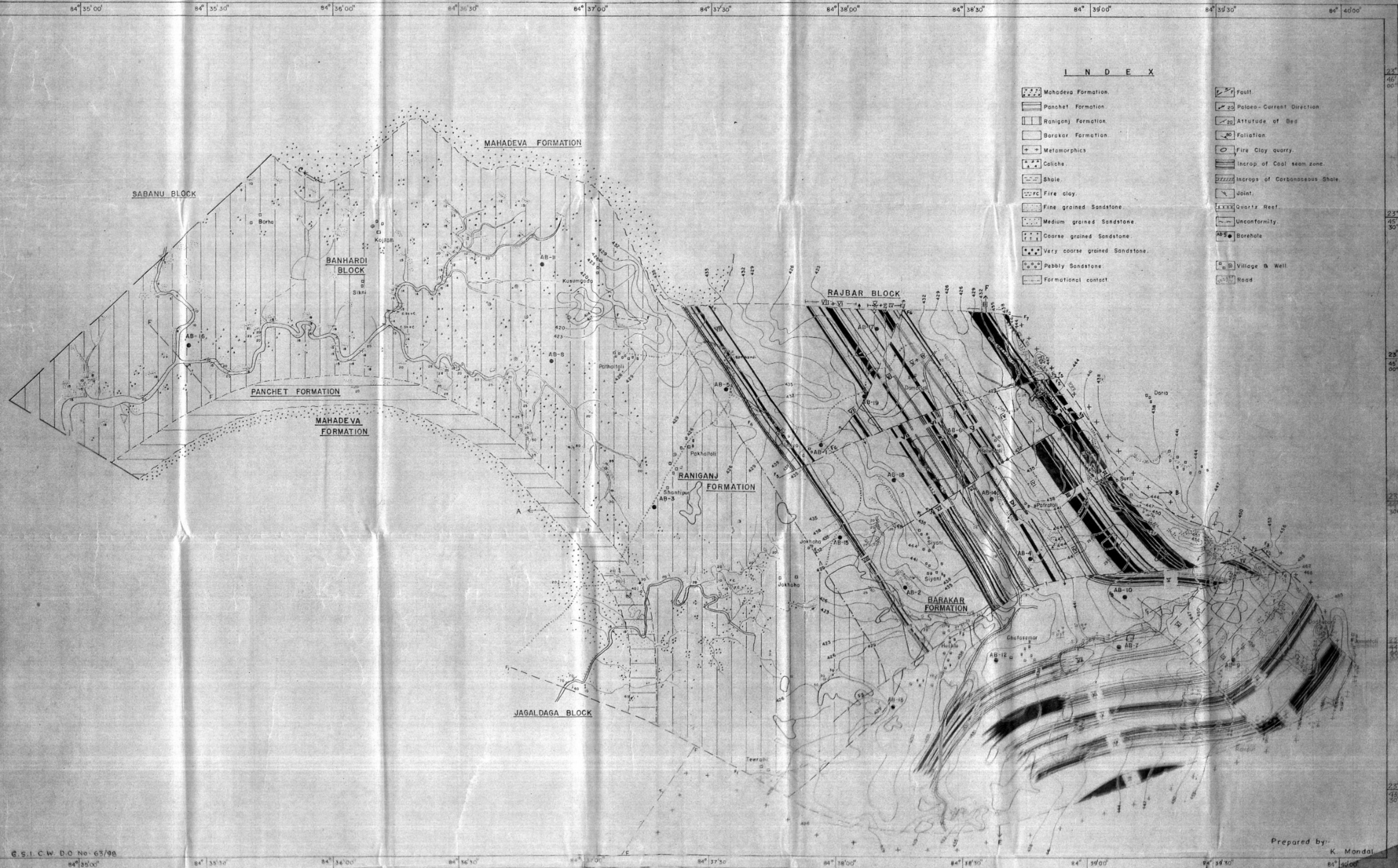
BOREHOLE NO	AREA (sq.km)	THICK NESS(m)	INDICATED						INFERRED		GRAND
			GR.C	GR.D	GR.E	GR.F	GR.G	TOTAL	AREA	RESEERVE	TOTAL
Beam - III											
AB4	0.031	17.64	0.00	0.00	0.79	0.00	0.00	0.79	0.000	0.00	0.79
AB4	0.031	6.97	0.00	0.00	0.00	0.33	0.00	0.33	0.000	0.00	0.33
AB4	0.031	2.16	0.00	0.00	0.00	0.10	0.00	0.10	0.000	0.00	0.10
AB6	0.080	10.22	0.00	0.00	1.18	0.00	0.00	1.18	0.000	0.00	1.18
AB6	0.080	4.45	0.00	0.00	0.00	0.54	0.00	0.54	0.000	0.00	0.54
AB6	0.080	5.26	0.00	0.59	0.00	0.00	0.00	0.59	0.000	0.00	0.59
AB6	0.080	3.80	0.00	0.00	0.00	0.46	0.00	0.46	0.000	0.00	0.46
AB6	0.080	10.50	0.00	0.00	0.00	1.27	0.00	1.27	0.000	0.00	1.27
AB7	0.379	27.60	0.00	14.59	0.00	0.00	0.00	14.59	0.000	0.00	14.59
AB12	0.542	1.87	0.00	0.00	1.46	0.00	0.00	1.46	0.000	0.00	1.46
AB13	0.940	1.60	0.00	2.10	0.00	0.00	0.00	2.10	0.000	0.00	2.10
AB13	0.940	1.30	1.65	0.00	0.00	0.00	0.00	1.65	0.000	0.00	1.65
AB13	0.940	2.00	0.00	0.00	2.71	0.00	0.00	2.71	0.000	0.00	2.71
AB13	0.940	6.70	8.50	0.00	0.00	0.00	0.00	8.50	0.000	0.00	8.50
AB13	0.940	8.56	10.86	0.00	0.00	0.00	0.00	10.86	0.000	0.00	10.86
AB14	0.027	22.95	0.00	0.00	0.89	0.00	0.00	0.89	0.000	0.00	0.89
AB14	0.027	10.38	0.00	0.00	0.00	0.42	0.00	0.42	0.000	0.00	0.42
AB14	0.027	1.55	0.00	0.00	0.00	0.06	0.00	0.06	0.000	0.00	0.06
AB14	0.027	3.02	0.00	0.00	0.00	0.12	0.00	0.12	0.000	0.00	0.12
AB15	0.172	4.57	0.00	0.00	0.00	0.00	1.25	1.25	0.000	0.00	1.25
AB18	0.364	15.95	0.00	0.00	8.36	0.00	0.00	8.36	0.000	0.00	8.36
AB18	0.364	7.85	0.00	0.00	0.00	4.32	0.00	4.32	0.000	0.00	4.32
AB18	0.364	4.30	0.00	0.00	0.00	2.37	0.00	2.37	0.000	0.00	2.37
AB19	0.080	27.23	0.00	0.00	3.14	0.00	0.00	3.14	0.000	0.00	3.14
AB19	0.080	3.25	0.00	0.00	0.37	0.00	0.00	0.37	0.000	0.00	0.37
AB19	0.080	5.25	0.00	0.00	0.00	0.64	0.00	0.64	0.000	0.00	0.64
III Total			21.01	17.28	18.90	10.83	1.25	89.07		0.00	89.07
Beam - II+III											
AB17	0.191	6.60	0.00	0.00	1.82	0.00	0.00	1.82	0.000	0.00	1.82
AB17	0.191	3.85	0.00	0.00	0.00	1.11	0.00	1.11	0.000	0.00	1.11
AB17	0.191	5.60	0.00	0.00	0.00	1.62	0.00	1.62	0.000	0.00	1.62
AB17	0.191	1.18	0.00	0.31	0.00	0.00	0.00	0.31	0.000	0.00	0.31
AB17	0.191	2.35	0.00	0.00	0.65	0.00	0.00	0.65	0.000	0.00	0.65
AB17	0.191	11.00	0.00	0.00	3.03	0.00	0.00	3.03	0.000	0.00	3.03
AB17	0.191	3.40	0.00	0.00	0.00	0.98	0.00	0.98	0.000	0.00	0.98
AB17	0.191	2.70	0.00	0.00	0.00	0.78	0.00	0.78	0.000	0.00	0.78
AB17	0.191	1.79	0.00	0.00	0.49	0.00	0.00	0.49	0.000	0.00	0.49
AB17	0.191	4.55	0.00	0.00	0.00	1.31	0.00	1.31	0.000	0.00	1.31
AB17	0.191	6.21	0.00	0.00	0.00	1.79	0.00	1.79	0.000	0.00	1.79
II+III Total			0.00	0.31	6.89	7.68	0.00	13.88		0.00	13.88
Beam - II											
AB4	0.165	15.20	0.00	0.00	3.61	0.00	0.00	3.61	0.000	0.00	3.61
AB4	0.165	4.25	0.00	0.00	0.00	1.06	0.00	1.06	0.000	0.00	1.06
AB4	0.165	3.57	0.00	0.00	0.00	0.89	0.00	0.89	0.000	0.00	0.89
AB4	0.165	10.45	0.00	0.00	2.48	0.00	0.00	2.48	0.000	0.00	2.48
AB6	0.137	1.60	0.00	0.00	0.00	0.33	0.00	0.33	0.000	0.00	0.33
AB7	0.797	38.51	0.00	0.00	44.20	0.00	0.00	44.20	0.000	0.00	44.20
AB9	0.092	13.77	0.00	0.00	1.82	0.00	0.00	1.82	0.000	0.00	1.82
AB9	0.092	4.30	0.00	0.00	0.00	0.60	0.00	0.60	0.000	0.00	0.60
AB9	0.092	7.38	0.00	0.00	0.00	1.03	0.00	1.03	0.000	0.00	1.03
AB12	0.775	1.48	0.00	0.00	1.65	0.00	0.00	1.65	0.000	0.00	1.65
AB12	0.775	6.80	0.00	0.00	0.00	7.97	0.00	7.97	0.000	0.00	7.97
AB12	0.775	12.23	0.00	0.00	13.65	0.00	0.00	13.65	0.000	0.00	13.65
AB14	0.142	19.80	0.00	0.00	4.05	0.00	0.00	4.05	0.000	0.00	4.05
AB14	0.142	7.91	0.00	0.00	0.00	1.70	0.00	1.70	0.000	0.00	1.70
AB19	0.177	5.54	1.32	0.00	0.00	0.00	0.00	1.32	0.000	0.00	1.32
AB19	0.177	11.05	0.00	0.00	2.82	0.00	0.00	2.82	0.000	0.00	2.82
AB19	0.177	5.50	0.00	0.00	1.40	0.00	0.00	1.40	0.000	0.00	1.40
AB19	0.177	6.98	0.00	0.00	1.78	0.00	0.00	1.78	0.000	0.00	1.78
II Total			1.32	0.00	77.48	13.68	0.00	92.38		0.00	92.38
300-800 Total			22.33	38.74	186.84	71.87	48.87	348.36		28.82	378.27

BOREHOLE NO	AREA (sq.km)	THICK NESS(m)	INDICATED						INFERRED		GRAND
			GR.C	GR.D	GR.E	GR.F	GR.G	TOTAL	AREA	RESERVE	TOTAL
Depth Range:600m-1200m											
Beam - VIII											
AB8	0.102	3.23	0.00	0.00	0.47	0.00	0.00	0.47	0.514	2.24	2.71
AB8	0.102	1.20	0.00	0.17	0.00	0.00	0.00	0.17	0.514	0.83	1.00
AB8	0.102	10.25	0.00	0.00	1.51	0.00	0.00	1.51	0.514	7.11	8.62
AB11	0.000	2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.168	0.47	0.47
AB11	0.000	11.75	0.00	0.00	0.00	0.00	0.00	0.00	0.168	2.66	2.66
VIII Total			0.00	0.17	1.98	0.00	0.00	2.16		13.31	15.48
Beam - VII											
AB3	0.610	1.40	0.00	0.00	1.23	0.00	0.00	1.23	0.314	0.59	1.82
AB11	0.245	1.85	0.00	0.00	0.00	0.00	0.72	0.72	0.790	1.97	2.69
AB11	0.245	3.40	0.00	0.00	0.00	0.00	1.32	1.32	0.790	3.63	4.95
AB11	0.245	5.42	0.00	0.00	0.00	0.00	2.10	2.10	0.790	5.78	7.88
AB15	0.000	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.083	0.84	0.84
AB15	0.000	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.083	0.14	0.14
VII Total			0.00	0.00	1.23	0.00	4.14	6.37		12.96	13.32
Beam - VI											
AB3	0.946	11.04	0.00	14.57	0.00	0.00	0.00	14.57	0.363	5.41	19.98
AB3	0.946	1.24	0.00	0.00	0.00	1.77	0.00	1.77	0.363	0.61	2.38
VI Total			0.00	14.57	0.00	1.77	0.00	16.34		6.02	22.36
Beam - V											
AB15	0.071	1.55	0.00	0.00	0.00	0.00	0.17	0.17	0.202	0.42	0.59
AB15	0.071	1.90	0.00	0.00	0.00	0.20	0.00	0.20	0.202	0.52	0.72
AB15	0.071	1.50	0.00	0.00	0.00	0.00	0.17	0.17	0.202	0.41	0.58
AB15	0.071	6.02	0.00	0.00	0.00	0.00	0.68	0.68	0.202	1.64	2.32
AB15	0.071	1.41	0.00	0.00	0.00	0.15	0.00	0.15	0.202	0.38	0.53
V Total			0.00	0.00	0.00	0.36	1.02	1.37		3.37	4.74
Beam - IV											
AB15	0.302	4.25	0.00	0.00	1.85	0.00	0.00	1.85	0.202	1.16	3.01
AB15	0.302	1.70	0.00	0.00	0.00	0.00	0.81	0.81	0.202	0.46	1.27
IV Total			0.00	0.00	1.85	0.00	0.81	2.66		1.62	4.28
Beam - III/L											
AB15	0.764	4.57	0.00	0.00	0.00	0.00	5.53	5.53	0.000	0.00	5.53
III/L Total			0.00	0.00	0.00	0.00	5.53	5.53		0.00	5.53
600-1200 Total			0.00	14.74	6.08	2.12	11.60	33.42		37.27	70.89
Grand Total			27.15	99.81	388.79	243.32	91.14	850.21		70.18	920.39

GEOLOGICAL SURVEY OF INDIA
GEOLOGICAL MAP OF BANHARDI SECTOR, AURANGA
COALFIELD, PALAMAU DISTRICT, BIHAR

SCALE
m. 0 100 200 300 400

PLATE-1
PART OF TOPOSHEET NO: 73 A/9 & A/10.



GEOLOGICAL SURVEY OF INDIA
GEOLOGICAL MAP OF BANHARDI SECTOR, AURANGA COALFIELD, PALAMAU DISTRICT, BIHAR.

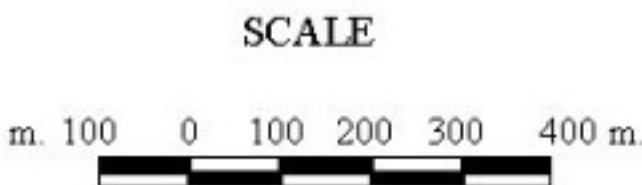
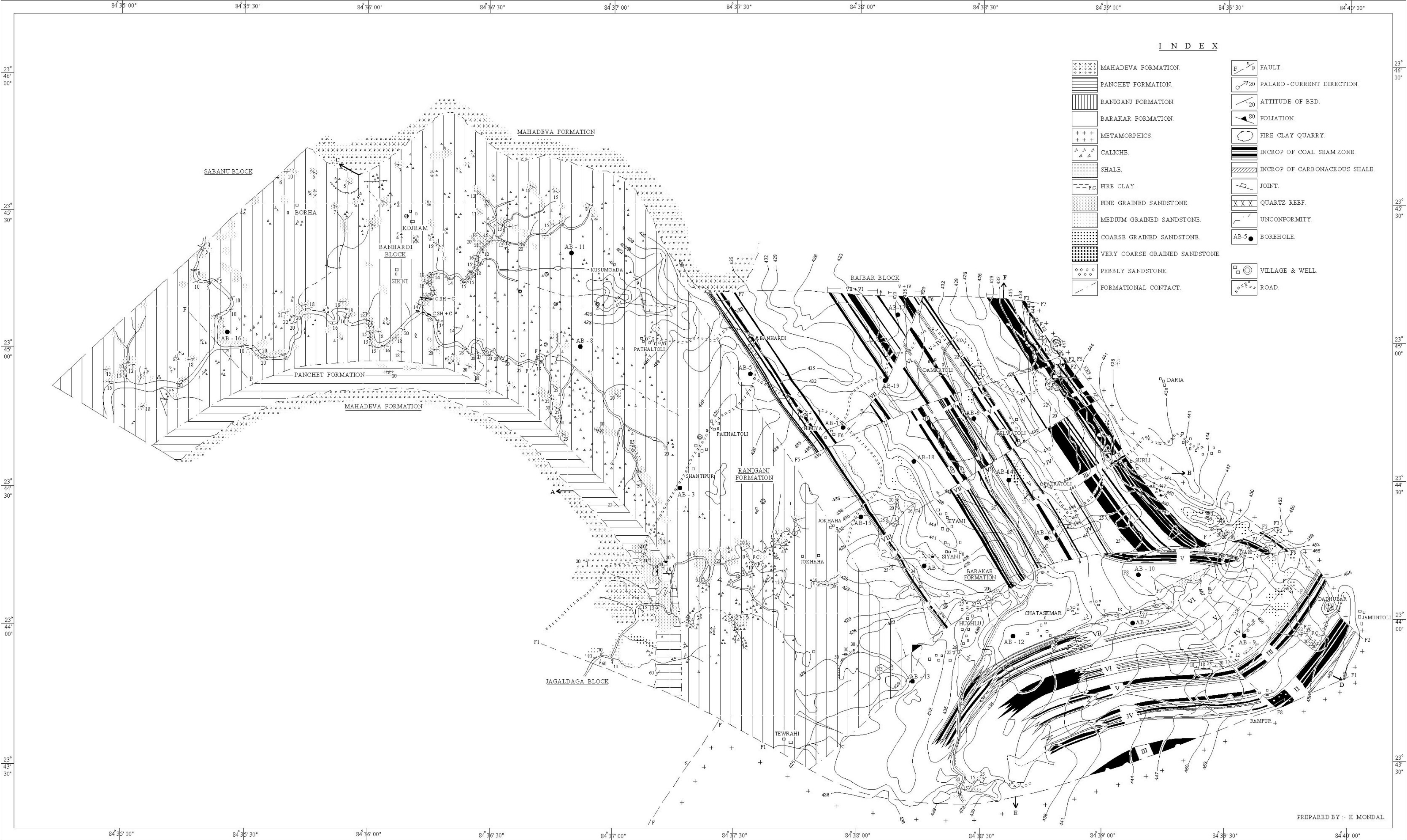


PLATE NO. - I
PART OF TOPOSHEET NO. : 73 A / 9 & A / 10.



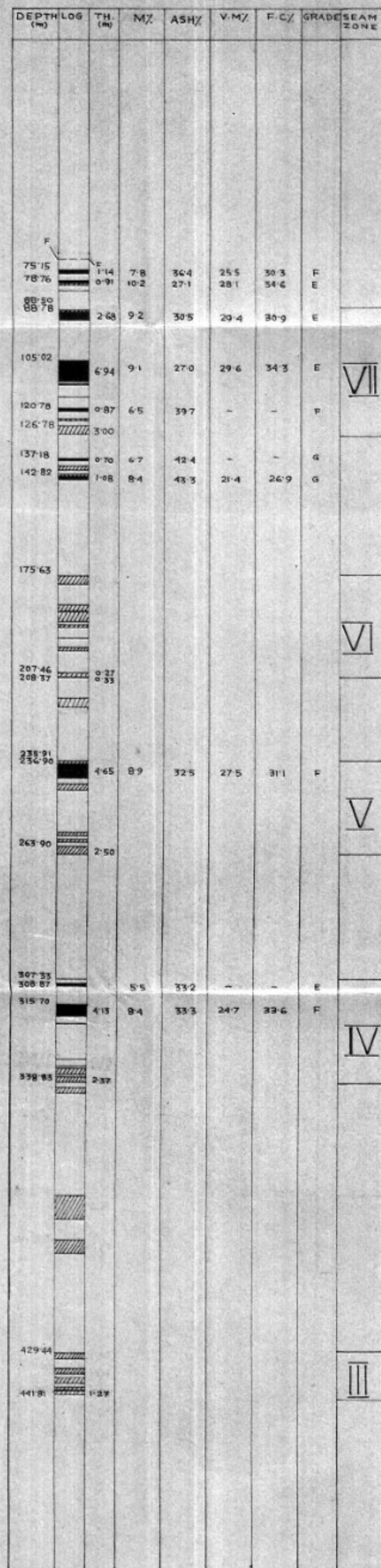
COAL SEAM ZONE CORRELATION OF BOREHOLES DRILLED IN BANHARDI SECTOR, AURANGA COALFIELD, PALAMAU DISTRICT, BIHAR

SCALE

20m 10 0 10 20 30 40m.

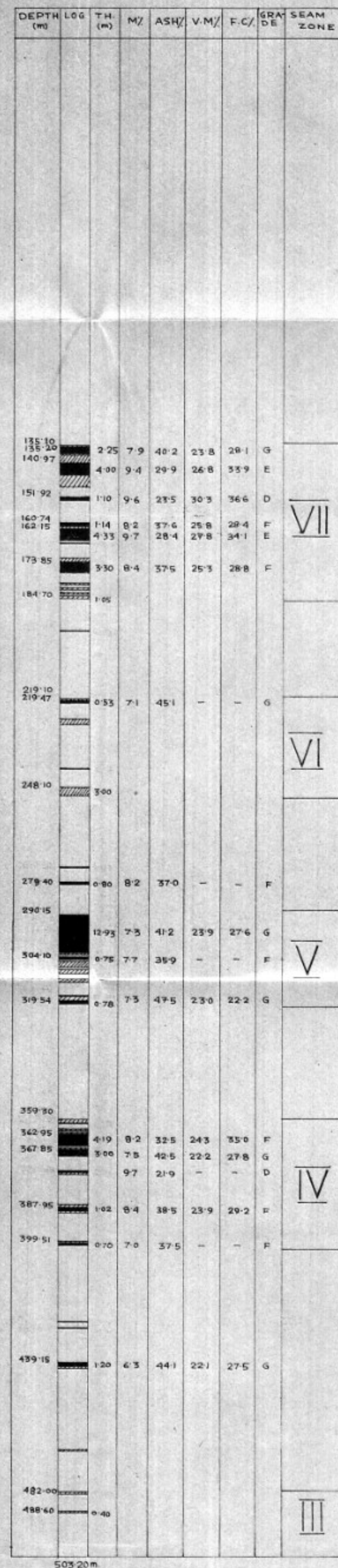
AB-1

(R.L. 439.50 m.)



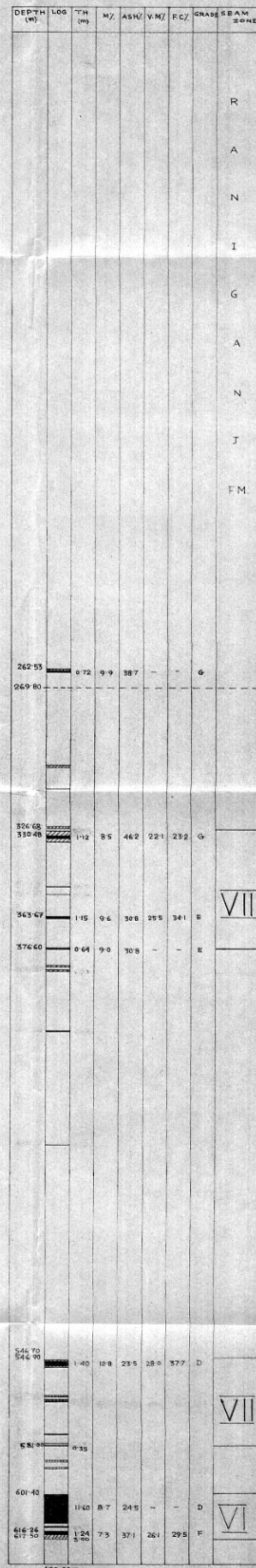
AB-2

(R.L. 432.67 m.)



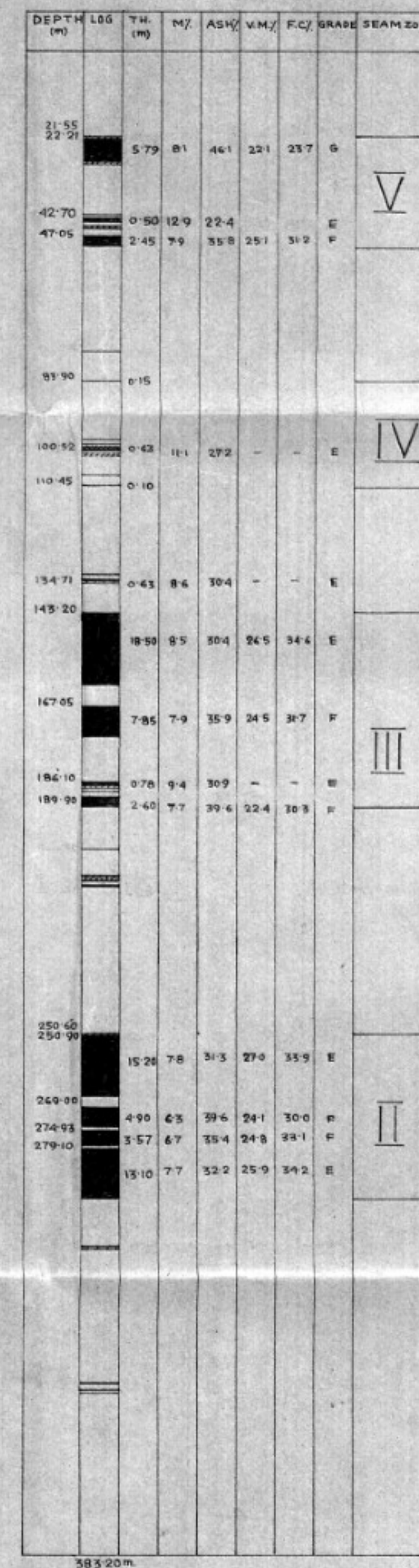
AB-3

(R.L. 425.61 m.)



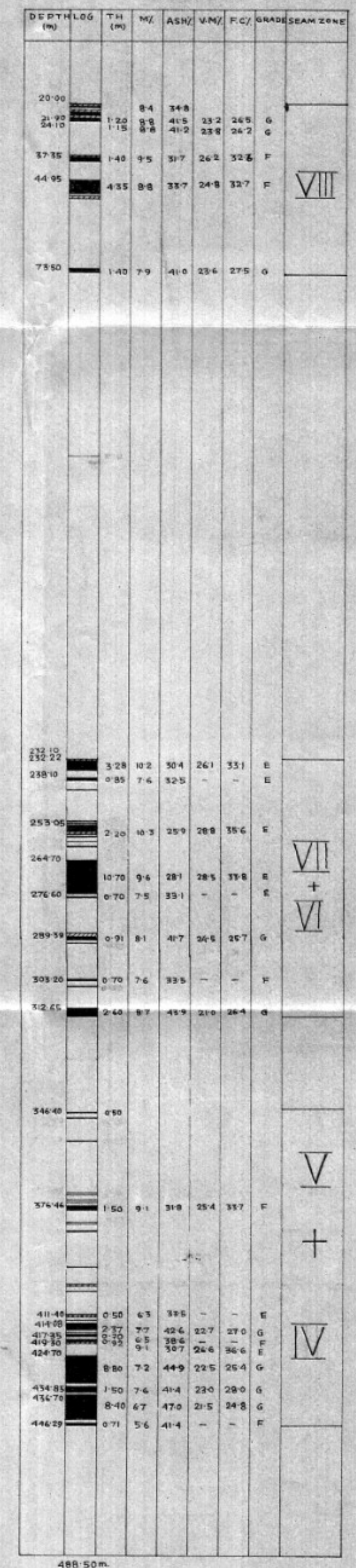
AB-4

(R.L. 440.31 m.)



AB-5

(R.L. 431.27 m.)



LEGEND

- Coal Seam.
- Carbonaceous Shale.
- Fault.