

DESCRIPTIVE SEAM OVERALL ANALYSIS DATA OF BOREHOLES DRILLED IN WEST OF URDHAN JAMUNIA BLOCK PENCH KANHAN TAWA VALLEY COALFIELD, DISTRICT – CHHINDWARA MADHYA PRADESH, DISTRICT – CHHINDWARA, MADHYA PRADESH

BOREHOLE NO.	FORM (m)	TO (m)	SEAM THICKNESS (m)	DET/ICAL	SEAM NAME	TYPE OF SAMPLE	ANALYSED THICKNESS (M)	DIRT BANDS INCLUDED NO.	DIRT BANDS INCLUDED THK(M)	MOI (%)	ASH (%)	VM (%)	FC (%)	UNIT VM (%)	CVAR KCAL/KG	GRADE	SPECIFIC GRAVITY	REMARKS/ Cat.
CMPWU01	512.89	513.29	0.4	DETERMINED	IA	BCSH	0.4	0	0	3.7	33.4	27.8	35.1	41.07	4850	G9	1.58	
CMPWU01	512.89	513.29	0.4	DETERMINED	IA	I30	0.4	0	0	3.7	33.4	27.8	35.1	41.07	4850	G9	1.58	UA
CMPWU01	512.89	513.29	0.4	CALCULATED	IA	I100	0.4	0	0	3.8	33.43				4859	G9	1.58	
CMPWU01	512.89	513.29	0.4	CALCULATED	IA	IP	0.4	0	0	3.8	33.43				4859	G9	1.58	
CMPWU01	514.42	521.14	6.72	DETERMINED	IB	BCSH	5.99	0	0	5.5	23.5	27.7	43.3	36.93	5428	G7	1.53	
CMPWU01	514.42	521.14	6.72	DETERMINED	IB	I30	5.99	0	0	5.5	23.5	27.7	43.3	36.93	5428	G7	1.53	UA
CMPWU01	514.42	521.14	6.72	CALCULATED	IB	I100	5.99	0	0	4.9	23.83				5603	G6	1.5	
CMPWU01	514.42	521.14	6.72	CALCULATED	IB	IP	6.72	1	0.73	4.24	32.88				4847	G9	1.58	
CMPWU01	524.6	527.96	3.36	DETERMINED	IC	BCSH	3.36	0	0	5.8	15.4	29.9	48.9	36.71	6145	G4	1.44	
CMPWU01	524.6	527.96	3.36	DETERMINED	IC	I30	3.36	0	0	5.8	15.4	29.9	48.9	36.71	6145	G4	1.44	UA
CMPWU01	524.6	527.96	3.36	CALCULATED	IC	I100	3.36	0	0	4.35	15.89				6430	G3	1.43	
CMPWU01	524.6	527.96	3.36	CALCULATED	IC	IP	3.36	0	0	4.35	15.89				6430	G3	1.43	
CMPWU01	534.94	536.49	1.55	CALCULATED	IIA	BCSH	1.55	0	0	3.95	15.71				6506	G3	1.43	
CMPWU01	534.94	536.49	1.55	DETERMINED	IIA	I30	1.55	0	0	5	25.6	27.5	41.9	37.31	5375	G7	1.53	UA
CMPWU01	534.94	536.49	1.55	CALCULATED	IIA	I100	1.55	0	0	3.95	15.71				6506	G3	1.43	
CMPWU01	534.94	536.49	1.55	CALCULATED	IIA	IP	1.55	0	0	3.95	15.71				6506	G3	1.43	
CMPWU01	538.4	539.45	1.05	DETERMINED	IIB	BCSH	1.05	0	0	4	18.4	31.4	46.2	39.02	6014	G5	1.47	
CMPWU01	538.4	539.45	1.05	DETERMINED	IIB	I30	1.05	0	0	4	18.4	31.4	46.2	39.02	6014	G5	1.47	UA
CMPWU01	538.4	539.45	1.05	CALCULATED	IIB	I100	1.05	0	0	3.72	18.31				6294	G4	1.44	
CMPWU01	538.4	539.45	1.05	CALCULATED	IIB	IP	1.05	0	0	3.72	18.31				6294	G4	1.44	
CMPWU01	542.74	546.3	3.56	DETERMINED	III	BCSH	3.38	0	0	4.2	16.3	30.5	49	37.07	6235	G4	1.44	
CMPWU01	542.74	546.3	3.56	DETERMINED	III	I30	3.56	1	0.18	4.2	16.3	30.5	49	37.07	6235	G4	1.44	UA
CMPWU01	542.74	546.3	3.56	CALCULATED	III	I100	3.56	1	0.18	2.9	16.66				6569	G3	1.43	
CMPWU01	542.74	546.3	3.56	CALCULATED	III	IP	3.56	1	0.18	2.9	16.66				6569	G3	1.43	
CMPWU01	549.78	554.38	4.6	DETERMINED	IV	BCSH	4.6	0	0	3.9	19.2	28.3	48.6	35.18	5993	G5	1.47	
CMPWU01	549.78	554.38	4.6	DETERMINED	IV	I30	4.6	0	0	3.9	19.2	28.3	48.6	35.18	5993	G5	1.47	UA
CMPWU01	549.78	554.38	4.6	CALCULATED	IV	I100	4.6	0	0	2.74	19.28				6346	G4	1.44	
CMPWU01	549.78	554.38	4.6	CALCULATED	IV	IP	4.6	0	0	2.74	19.28				6346	G4	1.44	
CMPWU01	556.77	558.18	1.41	DETERMINED	VA	BCSH	1.41	0	0	3.3	20.5	26.8	49.4	33.38	5910	G5	1.47	
CMPWU01	556.77	558.18	1.41	DETERMINED	VA	I30	1.41	0	0	3.3	20.5	26.8	49.4	33.38	5910	G5	1.47	UA
CMPWU01	556.77	558.18	1.41	CALCULATED	VA	I100	1.41	0	0	3.24	20.46				6162	G4	1.44	
CMPWU01	556.77	558.18	1.41	CALCULATED	VA	IP	1.41	0	0	3.24	20.46				6162	G4	1.44	
CMPWU01	565.93	566.45	0.52	DETERMINED	VB	BCSH	0.52	0	0	2.5	27	30.6	39.9	41.15	5551	G6	1.5	
CMPWU01	565.93	566.45	0.52	DETERMINED	VB	I30	0.52	0	0	2.5	27	30.6	39.9	41.15	5551	G6	1.5	UA
CMPWU01	565.93	566.45	0.52	CALCULATED	VB	I100	0.52	0	0	2.4	27.22				5648	G6	1.5	
CMPWU01	565.93	566.45	0.52	CALCULATED	VB	IP	0.52	0	0	2.4	27.22				5648	G6	1.5	
CMPWU02	577.64	578.15	0.51	DETERMINED	IA	BCSH	0.51	0	0	3.4	40.8	26	29.8	42.38	4174	G11	1.65	
CMPWU02	577.64	578.15	0.51	DETERMINED	IA	I30	0.51	0	0	3.4	40.8	26	29.8	42.38	4174	G11	1.65	UA
CMPWU02	577.64	578.15	0.51	CALCULATED	IA	I100	0.51	0	0	3.3	41.01				4218	G11	1.65	
CMPWU02	577.64	578.15	0.51	CALCULATED	IA	IP	0.51	0	0	3.3	41.01				4218	G11	1.65	
CMPWU02	579.4	584.92	5.52	DETERMINED	IB	BCSH	4.76	0	0	5.1	24	28.8	42.1	38.54	5511	G6	1.5	
CMPWU02	579.4	584.92	5.52	DETERMINED	IB	I30	4.76	0	0	5.1	24	28.8	42.1	38.54	5511	G6	1.5	UA
CMPWU02	579.4	584.92	5.52	CALCULATED	IB	I100	4.76	0	0	4.81	25.04				5502	G6	1.5	

DESCRIPTIVE SEAM OVERALL ANALYSIS DATA OF BOREHOLES DRILLED IN WEST OF URDHAN JAMUNIA BLOCK PENCH KANHAN TAWA VALLEY COALFIELD, DISTRICT – CHHINDWARA MADHYA PRADESH, DISTRICT – CHHINDWARA, MADHYA PRADESH

BOREHOLE NO.	FORM (m)	TO (m)	SEAM THICKNESS (m)	DET/CAL	SEAM NAME	TYPE OF SAMPLE	ANALYSED THICKNESS (M)	DIRT BANDS INCLUDED NO.	DIRT BANDS INCLUDED THK(M)	MOI (%)	ASH (%)	VM (%)	FC (%)	UNIT VM (%)	CVAR KCAL/KG	GRADE	SPECIFIC GRAVITY	REMARKS/ Cat.
CMPWU02	579.4	584.92	5.52	CALCULATED	IB	IP	5.52	2	0.76	3.98	36.36				4557	G10	1.61	
CMPWU02	587.08	589.68	2.6	DETERMINED	IC	BCSH	2.6	0	0	4.8	20.5	29.5	45.2	37.78	5848	G5	1.47	
CMPWU02	587.08	589.68	2.6	DETERMINED	IC	I30	2.6	0	0	4.8	20.5	29.5	45.2	37.78	5848	G5	1.47	UA
CMPWU02	587.08	589.68	2.6	CALCULATED	IC	I100	2.6	0	0	4.05	20.94				5999	G5	1.47	
CMPWU02	587.08	589.68	2.6	CALCULATED	IC	IP	2.6	0	0	4.05	20.94				5999	G5	1.47	
CMPWU02	596.2	598.07	1.87	DETERMINED	IIA	BCSH	1.87	0	0	5.3	17.7	30.5	46.5	38.19	6064	G5	1.47	
CMPWU02	596.2	598.07	1.87	DETERMINED	IIA	I30	1.87	0	0	5.3	17.7	30.5	46.5	38.19	6064	G5	1.47	UA
CMPWU02	596.2	598.07	1.87	CALCULATED	IIA	I100	1.87	0	0	3.82	18.09				6300	G4	1.44	
CMPWU02	596.2	598.07	1.87	CALCULATED	IIA	IP	1.87	0	0	3.82	18.09				6300	G4	1.44	
CMPWU02	602.78	603.72	0.94	DETERMINED	IIB	BCSH	0.94	0	0	4.4	22.4	31.8	41.4	41.66	5797	G6	1.5	
CMPWU02	602.78	603.72	0.94	DETERMINED	IIB	I30	0.94	0	0	4.4	22.4	31.8	41.4	41.66	5797	G6	1.5	UA
CMPWU02	602.78	603.72	0.94	CALCULATED	IIB	I100	0.94	0	0	3.48	22.94				5893	G5	1.47	
CMPWU02	602.78	603.72	0.94	CALCULATED	IIB	IP	0.94	0	0	3.48	22.94				5893	G5	1.47	
CMPWU02	606.3	608.25	1.95	DETERMINED	III	BCSH	1.95	0	0	3.5	24.7	28.6	43.2	37.69	5557	G6	1.5	
CMPWU02	606.3	608.25	1.95	DETERMINED	III	I30	1.95	0	0	3.5	24.7	28.6	43.2	37.69	5557	G6	1.5	UA
CMPWU02	606.3	608.25	1.95	CALCULATED	III	I100	1.95	0	0	2.57	25.2				5813	G5	1.47	
CMPWU02	606.3	608.25	1.95	CALCULATED	III	IP	1.95	0	0	2.57	25.2				5813	G5	1.47	
CMPWU02	614.8	618.2	3.4	DETERMINED	IV	BCSH	3.4	0	0	3.4	16.2	30.6	49.8	36.79	6384	G4	1.44	
CMPWU02	614.8	618.2	3.4	DETERMINED	IV	I30	3.4	0	0	3.4	16.2	30.6	49.8	36.79	6384	G4	1.44	UA
CMPWU02	614.8	618.2	3.4	CALCULATED	IV	I100	3.4	0	0	2.85	16.43				6598	G3	1.43	
CMPWU02	614.8	618.2	3.4	CALCULATED	IV	IP	3.4	0	0	2.85	16.43				6598	G3	1.43	
CMPWU02	623.75	624.25	0.5	DETERMINED	VA	BCSH	0.5	0	0	3.4	25.1	31.9	39.6	42.6	5528	G6	1.5	
CMPWU02	623.75	624.25	0.5	DETERMINED	VA	I30	0.5	0	0	3.4	25.1	31.9	39.6	42.6	5528	G6	1.5	UA
CMPWU02	623.75	624.25	0.5	CALCULATED	VA	I100	0.5	0	0	3.02	25.28				5740	G6	1.5	
CMPWU02	623.75	624.25	0.5	CALCULATED	VA	IP	0.5	0	0	3.02	25.28				5740	G6	1.5	
CMPWU02	630.17	630.67	0.5	CALCULATED	VB	BCSH	0	0	0	0.77	70.38				1821	UGRD	More than 1.87	DTRD/VISUAL
CMPWU02	630.17	630.67	0.5	CALCULATED	VB	I30	0	0	0	0.77	70.38				1821	UGRD	More than 1.87	DTRD/VISUAL
CMPWU02	630.17	630.67	0.5	CALCULATED	VB	I100	0	0	0	0.77	70.38				1821	UGRD	More than 1.87	DTRD/VISUAL
CMPWU02	630.17	630.67	0.5	CALCULATED	VB	IP	0	0	0	0.77	70.38				1821	UGRD	More than 1.87	DTRD/VISUAL
CMPWU03	622.49	622.89	0.4	DETERMINED	IA	BCSH	0.4	0	0	2.9	44.2	7.9	45	7.18	4200	G11	1.65	
CMPWU03	622.49	622.89	0.4	DETERMINED	IA	I30	0.4	0	0	2.9	44.2	7.9	45	7.18	4200	G11	1.65	
CMPWU03	622.49	622.89	0.4	CALCULATED	IA	I100	0.4	0	0	3.01	45.4				3847	G12	1.69	
CMPWU03	622.49	622.89	0.4	CALCULATED	IA	IP	0.4	0	0	3.01	45.4				3847	G12	1.69	
CMPWU03	626.36	627.62	1.26	DETERMINED	IB	BCSH	1.1	0	0	3	49.6	8.3	39.1	7.87	3605	G13	1.73	
CMPWU03	626.36	627.62	1.26	DETERMINED	IB	I30	1.1	0	0	3	49.6	8.3	39.1	7.87	3605	G13	1.73	
CMPWU03	626.36	627.62	1.26	CALCULATED	IB	I100	1.1	0	0	2.97	50.17				3404	G13	1.73	
CMPWU03	626.36	627.62	1.26	CALCULATED	IB	IP	1.26	1	0.16	2.64	54.72				3023	G15	1.81	
CMPWU03	628.06	630.37	2.31	DETERMINED	IC	BCSH	2.31	0	0	2.6	32.2	9.5	55.7	10.13	5332	G7	1.53	
CMPWU03	628.06	630.37	2.31	DETERMINED	IC	I30	2.31	0	0	2.6	32.2	9.5	55.7	10.13	5332	G7	1.53	HA
CMPWU03	628.06	630.37	2.31	CALCULATED	IC	I100	2.31	0	0	3.47	31.1				5126	G8	1.56	
CMPWU03	628.06	630.37	2.31	CALCULATED	IC	IP	2.31	0	0	3.47	31.1				5126	G8	1.56	
CMPWU03	632.88	635	2.12	DETERMINED	IIA	BCSH	2.12	0	0	2.3	24.7	10.5	62.5	11.39	6034	G5	1.47	
CMPWU03	632.88	635	2.12	DETERMINED	IIA	I30	2.12	0	0	2.3	24.7	10.5	62.5	11.39	6034	G5	1.47	HA

DESCRIPTIVE SEAM OVERALL ANALYSIS DATA OF BOREHOLES DRILLED IN WEST OF URDHAN JAMUNIA BLOCK PENCH KANHAN TAWA VALLEY COALFIELD, DISTRICT – CHHINDWARA MADHYA PRADESH, DISTRICT – CHHINDWARA, MADHYA PRADESH

BOREHOLE NO.	FORM (m)	TO (m)	SEAM THICKNESS (m)	DET/ICAL	SEAM NAME	TYPE OF SAMPLE	ANALYSED THICKNESSES (M)	DIRT BANDS INCLUDED NO.	DIRT BANDS INCLUDED THK(M)	MOI (%)	ASH (%)	VM (%)	FC (%)	UNIT VM (%)	CVAR KCAL/KG	GRADE	SPECIFIC GRAVITY	REMARKS/ Cat.
CMPWU03	632.88	635	2.12	CALCULATED	IIA	I100	2.12	0	0	3.49	24.5				5745	G6	1.5	
CMPWU03	632.88	635	2.12	CALCULATED	IIA	IP	2.12	0	0	3.49	24.5				5745	G6	1.5	
CMPWU03	637.81	639.2	1.39	DETERMINED	IIB	BCSH	1.39	0	0	2	34.2	10.9	52.9	12.39	5157	G8	1.56	
CMPWU03	637.81	639.2	1.39	DETERMINED	IIB	I30	1.39	0	0	2	34.2	10.9	52.9	12.39	5157	G8	1.56	HA
CMPWU03	637.81	639.2	1.39	CALCULATED	IIB	I100	1.39	0	0	2.9	34.3				4908	G8	1.56	
CMPWU03	637.81	639.2	1.39	CALCULATED	IIB	IP	1.39	0	0	2.9	34.3				4908	G8	1.56	
CMPWU03	648.3	651.42	3.12	DETERMINED	III	BCSH	3.12	0	0	1.4	19.4	20.4	58.8	23.89	6540	G3	1.43	
CMPWU03	648.3	651.42	3.12	DETERMINED	III	I30	3.12	0	0	1.4	19.4	20.4	58.8	23.89	6540	G3	1.43	PHA
CMPWU03	648.3	651.42	3.12	CALCULATED	III	I100	3.12	0	0	2.8	19.07				6357	G4	1.44	
CMPWU03	648.3	651.42	3.12	CALCULATED	III	IP	3.12	0	0	2.8	19.07				6357	G4	1.44	
CMPWU03	654.46	657.38	2.92	DETERMINED	IV	BCSH	2.92	0	0	2.3	16.2	27.9	53.6	32.9	6570	G3	1.43	
CMPWU03	654.46	657.38	2.92	DETERMINED	IV	I30	2.92	0	0	2.3	16.2	27.9	53.6	32.9	6570	G3	1.43	UA
CMPWU03	654.46	657.38	2.92	CALCULATED	IV	I100	2.92	0	0	2.85	16.24				6616	G3	1.43	
CMPWU03	654.46	657.38	2.92	CALCULATED	IV	IP	2.92	0	0	2.85	16.24				6616	G3	1.43	
CMPWU03	659.79	660.72	0.93	DETERMINED	VA	BCSH	0.93	0	0	2.8	18.3	28.8	50.1	34.99	6262	G4	1.44	
CMPWU03	659.79	660.72	0.93	DETERMINED	VA	I30	0.93	0	0	2.8	18.3	28.8	50.1	34.99	6262	G4	1.44	UA
CMPWU03	659.79	660.72	0.93	CALCULATED	VA	I100	0.93	0	0	3.35	18.27				6352	G4	1.44	
CMPWU03	659.79	660.72	0.93	CALCULATED	VA	IP	0.93	0	0	3.35	18.27				6352	G4	1.44	
CMPWU03	665.97	666.47	0.5	DETERMINED	VB	BCSH	0.5	0	0	2	37.6	26.3	34.1	39.8	4662	G9	1.58	
CMPWU03	665.97	666.47	0.5	DETERMINED	VB	I30	0.5	0	0	2	37.6	26.3	34.1	39.8	4662	G9	1.58	UA
CMPWU03	665.97	666.47	0.5	CALCULATED	VB	I100	0.5	0	0	1.96	38.73				4628	G9	1.58	
CMPWU03	665.97	666.47	0.5	CALCULATED	VB	IP	0.5	0	0	1.96	38.73				4628	G9	1.58	
CMPWU04	455	455.83	0.83	DETERMINED	IA	BCSH	0.83	0	0	3.9	34.9	25.1	36.1	37.45	4697	G9	1.58	
CMPWU04	455	455.83	0.83	DETERMINED	IA	I30	0.83	0	0	3.9	34.9	25.1	36.1	37.45	4697	G9	1.58	UA
CMPWU04	455	455.83	0.83	CALCULATED	IA	I100	0.83	0	0	3.69	35.05				4722	G9	1.58	
CMPWU04	455	455.83	0.83	CALCULATED	IA	IP	0.83	0	0	3.69	35.05				4722	G9	1.58	
CMPWU04	457.9	459.85	1.95	CALCULATED	IB	BCSH	1.95	0	0	4.37	31.01				5004	G8	1.56	
CMPWU04	457.9	459.85	1.95	DETERMINED	IB	I30	1.95	0	0	3.3	37.7	24.1	34.9	36.81	4425	G10	1.61	UA
CMPWU04	457.9	459.85	1.95	CALCULATED	IB	I100	1.95	0	0	4.37	31.01				5004	G8	1.56	
CMPWU04	457.9	459.85	1.95	CALCULATED	IB	IP	1.95	0	0	4.37	31.01				5004	G8	1.56	
CMPWU04	461	463.57	2.57	DETERMINED	IC	BCSH	2.57	0	0	3.9	23.5	28.1	44.5	36.65	5672	G6	1.5	
CMPWU04	461	463.57	2.57	DETERMINED	IC	I30	2.57	0	0	3.9	23.5	28.1	44.5	36.65	5672	G6	1.5	UA
CMPWU04	461	463.57	2.57	CALCULATED	IC	I100	2.57	0	0	3.91	23.49				5779	G6	1.5	
CMPWU04	461	463.57	2.57	CALCULATED	IC	IP	2.57	0	0	3.91	23.49				5779	G6	1.5	
CMPWU04	468.74	471.74	3	DETERMINED	IIA	BCSH	2.78	0	0	3.7	25	25.1	46.2	32.85	5512	G6	1.5	
CMPWU04	468.74	471.74	3	DETERMINED	IIA	I30	2.78	0	0	3.7	25	25.1	46.2	32.85	5512	G6	1.5	UA
CMPWU04	468.74	471.74	3	CALCULATED	IIA	I100	2.78	0	0	3.45	25.1				5694	G6	1.5	
CMPWU04	468.74	471.74	3	CALCULATED	IIA	IP	3	1	0.22	3.11	31.65				5127	G8	1.56	
CMPWU04	474.55	476.47	1.92	DETERMINED	IIB	BCSH	1.92	0	0	4.6	17.1	28.1	50.2	34.46	6139	G4	1.44	
CMPWU04	474.55	476.47	1.92	DETERMINED	IIB	I30	1.92	0	0	4.6	17.1	28.1	50.2	34.46	6139	G4	1.44	UA
CMPWU04	474.55	476.47	1.92	CALCULATED	IIB	I100	1.92	0	0	3.76	17.41				6373	G4	1.44	
CMPWU04	474.55	476.47	1.92	CALCULATED	IIB	IP	1.92	0	0	3.76	17.41				6373	G4	1.44	
CMPWU04	486.1	488.92	2.82	CALCULATED	III	BCSH	2.42	0	0	2.83	18.33				6422	G3	1.43	

DESCRIPTIVE SEAM OVERALL ANALYSIS DATA OF BOREHOLES DRILLED IN WEST OF URDHAN JAMUNIA BLOCK PENCH KANHAN TAWA VALLEY COALFIELD, DISTRICT – CHHINDWARA MADHYA PRADESH, DISTRICT – CHHINDWARA, MADHYA PRADESH

BOREHOLE NO.	FORM (m)	TO (m)	SEAM THICKNESS (m)	DET/ICAL	SEAM NAME	TYPE OF SAMPLE	ANALYSED THICKNESS (M)	DIRT BANDS INCLUDED NO.	DIRT BANDS INCLUDED THK(M)	MOI (%)	ASH (%)	VM (%)	FC (%)	UNIT VM (%)	CVAR KCAL/KG	GRADE	SPECIFIC GRAVITY	REMARKS/ Cat.
CMPWU04	486.1	488.92	2.82	DETERMINED	III	I30	2.51	1	0.09	3.4	21.5	27.3	47.8	34.48	5808	G5	1.47	UA
CMPWU04	486.1	488.92	2.82	CALCULATED	III	I100	2.51	1	0.09	2.7	21.86				6109	G4	1.44	
CMPWU04	486.1	488.92	2.82	CALCULATED	III	IP	2.82	3	0.4	2.31	31.85				5225	G7	1.53	
CMPWU04	494.91	499.2	4.29	DETERMINED	IV	BCSH	4.29	0	0	3.5	16.8	28.6	51.1	34.5	6270	G4	1.44	
CMPWU04	494.91	499.2	4.29	DETERMINED	IV	I30	4.29	0	0	3.5	16.8	28.6	51.1	34.5	6270	G4	1.44	UA
CMPWU04	494.91	499.2	4.29	CALCULATED	IV	I100	4.29	0	0	2.82	17.08				6541	G3	1.43	
CMPWU04	494.91	499.2	4.29	CALCULATED	IV	IP	4.29	0	0	2.82	17.08				6541	G3	1.43	
CMPWU04	505.08	506.43	1.35	CALCULATED	VA	BCSH	1.29	0	0	3.5	14.93				6645	G3	1.43	
CMPWU04	505.08	506.43	1.35	DETERMINED	VA	I30	1.35	1	0.06	3.5	20.4	27.1	49	33.84	5980	G5	1.47	UA
CMPWU04	505.08	506.43	1.35	CALCULATED	VA	I100	1.35	1	0.06	3.24	20.58				6150	G4	1.44	
CMPWU04	505.08	506.43	1.35	CALCULATED	VA	IP	1.35	1	0.06	3.24	20.58				6150	G4	1.44	
CMPWU04	508.55	508.76	0.21	DETERMINED	VB	BCSH	0.21	0	0	2.5	21.9	36.4	39.2	46.6	6117	G4	1.44	
CMPWU04	508.55	508.76	0.21	DETERMINED	VB	I30	0.21	0	0	2.5	21.9	36.4	39.2	46.6	6117	G4	1.44	UA
CMPWU04	508.55	508.76	0.21	CALCULATED	VB	I100	0.21	0	0	2.59	21.98				6113	G4	1.44	
CMPWU04	508.55	508.76	0.21	CALCULATED	VB	IP	0.21	0	0	2.59	21.98				6113	G4	1.44	
CMPWU05	646.04	646.36	0.32	CALCULATED	IA	BCSH	0.32	0	0	2.82	48.21				3610	G13	1.73	
CMPWU05	646.04	646.36	0.32	CALCULATED	IA	I30	0.32	0	0	2.82	48.21				3610	G13	1.73	
CMPWU05	646.04	646.36	0.32	CALCULATED	IA	I100	0.32	0	0	2.82	48.21				3610	G13	1.73	
CMPWU05	646.04	646.36	0.32	CALCULATED	IA	IP	0.32	0	0	2.82	48.21				3610	G13	1.73	
CMPWU05	647.59	651.48	3.89	DETERMINED	IB	BCSH	3.3	0	0	3.5	36.4	7.6	52.5	7.01	4815	G9	1.58	
CMPWU05	647.59	651.48	3.89	DETERMINED	IB	I30	3.3	0	0	3.5	36.4	7.6	52.5	7.01	4815	G9	1.58	
CMPWU05	647.59	651.48	3.89	CALCULATED	IB	I100	3.3	0	0	3.99	36.2				4570	G10	1.61	
CMPWU05	647.59	651.48	3.89	CALCULATED	IB	IP	3.89	1	0.59	3.26	46.21				3734	G12	1.69	
CMPWU05	653.22	654.82	1.6	DETERMINED	IC	BCSH	1.6	0	0	2.7	21.3	8.7	67.3	8.89	6231	G4	1.44	
CMPWU05	653.22	654.82	1.6	DETERMINED	IC	I30	1.6	0	0	2.7	21.3	8.7	67.3	8.89	6231	G4	1.44	
CMPWU05	653.22	654.82	1.6	CALCULATED	IC	I100	1.6	0	0	4.04	21.25				5971	G5	1.47	
CMPWU05	653.22	654.82	1.6	CALCULATED	IC	IP	1.6	0	0	4.04	21.25				5971	G5	1.47	
CMPWU05	658.09	658.97	0.88	DETERMINED	IIA	BCSH	0.88	0	0	2.1	25.9	8.3	63.7	8.23	5931	G5	1.47	
CMPWU05	658.09	658.97	0.88	DETERMINED	IIA	I30	0.88	0	0	2.1	25.9	8.3	63.7	8.23	5931	G5	1.47	
CMPWU05	658.09	658.97	0.88	CALCULATED	IIA	I100	0.88	0	0	3.47	24.87				5713	G6	1.5	
CMPWU05	658.09	658.97	0.88	CALCULATED	IIA	IP	0.88	0	0	3.47	24.87				5713	G6	1.5	
CMPWU05	666.65	667.23	0.58	DETERMINED	IIB	BCSH	0.58	0	0	2.1	28.29	8.33	61.28	8.24	5925	G5	1.47	
CMPWU05	666.65	667.23	0.58	DETERMINED	IIB	I30	0.58	0	0	2.1	28.29	8.33	61.28	8.24	5925	G5	1.47	
CMPWU05	666.65	667.23	0.58	CALCULATED	IIB	I100	0.58	0	0	3.22	27.94				5460	G7	1.53	
CMPWU05	666.65	667.23	0.58	CALCULATED	IIB	IP	0.58	0	0	3.22	27.94				5460	G7	1.53	
CMPWU05	669.31	670.35	1.04	DETERMINED	III	BCSH	1.04	0	0	1.7	18.15	9.07	71.08	9.26	6650	G3	1.43	
CMPWU05	669.31	670.35	1.04	DETERMINED	III	I30	1.04	0	0	1.7	18.15	9.07	71.08	9.26	6650	G3	1.43	
CMPWU05	669.31	670.35	1.04	CALCULATED	III	I100	1.04	0	0	2.84	18.23				6430	G3	1.43	
CMPWU05	669.31	670.35	1.04	CALCULATED	III	IP	1.04	0	0	2.84	18.23				6430	G3	1.43	
CMPWU05	676.7	679.76	3.06	DETERMINED	IV	BCSH	3.06	0	0	1	16.9	17	65.1	19.04	6883	G2	1.4	
CMPWU05	676.7	679.76	3.06	DETERMINED	IV	I30	3.06	0	0	1	16.9	17	65.1	19.04	6883	G2	1.4	HA
CMPWU05	676.7	679.76	3.06	CALCULATED	IV	I100	3.06	0	0	2.52	24.9				5849	G5	1.47	
CMPWU05	676.7	679.76	3.06	CALCULATED	IV	IP	3.06	0	0	2.52	24.9				5849	G5	1.47	

DESCRIPTIVE SEAM OVERALL ANALYSIS DATA OF BOREHOLES DRILLED IN WEST OF URDHAN JAMUNIA BLOCK PENCH KANHAN TAWA VALLEY COALFIELD, DISTRICT – CHHINDWARA MADHYA PRADESH, DISTRICT – CHHINDWARA, MADHYA PRADESH

BOREHOLE NO.	FORM (m)	TO (m)	SEAM THICKNESS (m)	DET/ICAL	SEAM NAME	TYPE OF SAMPLE	ANALYSED THICKNESS (M)	DIRT BANDS INCLUDED NO.	DIRT BANDS INCLUDED THK(M)	MOI (%)	ASH (%)	VM (%)	FC (%)	UNIT VM (%)	CVAR KCAL/KG	GRADE	SPECIFIC GRAVITY	REMARKS/ Cat.
CMPWU05	682.43	682.72	0.29	CALCULATED	VA	BCSH	0.29	0	0	1.77	52.53				3356	G14	1.78	
CMPWU05	682.43	682.72	0.29	CALCULATED	VA	I30	0.29	0	0	1.77	52.53				3356	G14	1.78	
CMPWU05	682.43	682.72	0.29	CALCULATED	VA	I100	0.29	0	0	1.77	52.53				3356	G14	1.78	
CMPWU05	682.43	682.72	0.29	CALCULATED	VA	IP	0.29	0	0	1.77	52.53				3356	G14	1.78	
CMPWU05	693.44	693.63	0.19	CALCULATED	VB	BCSH	0.19	0	0	1.85	41.71				4363	G10	1.61	
CMPWU05	693.44	693.63	0.19	CALCULATED	VB	I30	0.19	0	0	1.85	41.71				4363	G10	1.61	
CMPWU05	693.44	693.63	0.19	CALCULATED	VB	I100	0.19	0	0	1.85	41.71				4363	G10	1.61	
CMPWU05	693.44	693.63	0.19	CALCULATED	VB	IP	0.19	0	0	1.85	41.71				4363	G10	1.61	
CMPWU06	392.68	392.98	0.3	CALCULATED	IA	I100	0.3	0	0	3.95	31.06				5060	G8	1.56	
CMPWU06	392.68	392.98	0.3	CALCULATED	IA	IP	0.3	0	0	3.95	31.06				5060	G8	1.56	
CMPWU06	395.76	396.66	0.9	DETERMINED	Local	BCS	0.78			5.2	16	30	48.8	38.8601	6363	G4	1.44	ADB
CMPWU06	395.76	396.66	0.9	DETERMINED	Local	BCS	0.78			4.7	16	30.1	49.2	38.7387	6395	G4	1.44	60%RH40°C
CMPWU06	395.76	396.66	0.9	DETERMINED	Local	I30	0.78			5.2	16	30	48.8	38.8601	6363	G4	1.44	ADB
CMPWU06	395.76	396.66	0.9	DETERMINED	Local	I30	0.78			4.7	16	30.1	49.2	38.7387	6395	G4	1.44	60%RH40°C
CMPWU06	397.16	401	3.84	CALCULATED	IB	I100	3.76	0	0	5.37	17.34				6145	G4	1.44	
CMPWU06	397.16	401	3.84	CALCULATED	IB	IP	3.84	1	0.08	5.14	20.46				5885	G5	1.47	
CMPWU06	397.16	401	3.84	DETERMINED	IB	BCS	3.38			4.7	17.3	30.8	47.2	40.3829	6193	G4	1.44	ADB
CMPWU06	397.16	401	3.84	DETERMINED	IB	BCS	3.38			4.6	17.3	30.8	47.3	40.33	6201	G4	1.44	60%RH40°C
CMPWU06	397.16	401	3.84	DETERMINED	IB	I30	3.38			4.7	17.3	30.8	47.2	40.3829	6193	G4	1.44	ADB
CMPWU06	397.16	401	3.84	DETERMINED	IB	I30	3.38			4.6	17.3	30.8	47.3	40.33	6201	G4	1.44	60%RH40°C
CMPWU06	402.4	403.7	1.3	CALCULATED	IC	I100	1.3	0	0	4.3	16.74				6358	G4	1.44	
CMPWU06	402.4	403.7	1.3	CALCULATED	IC	IP	1.3	0	0	4.3	16.74				6358	G4	1.44	
CMPWU06	402.4	403.7	1.3	DETERMINED	IC	BCS	1.5			4.6	16.5	32.4	46.5	41.9417	6196	G4	1.44	ADB
CMPWU06	402.4	403.7	1.3	DETERMINED	IC	BCS	1.5			4.4	16.5	32.5	46.6	41.9626	6211	G4	1.44	60%RH40°C
CMPWU06	402.4	403.7	1.3	DETERMINED	IC	I30	1.5			4.6	16.5	32.4	46.5	41.9417	6196	G4	1.44	ADB
CMPWU06	402.4	403.7	1.3	DETERMINED	IC	I30	1.5			4.4	16.5	32.5	46.6	41.9626	6211	G4	1.44	60%RH40°C
CMPWU06	404.17	404.67	0.5	CALCULATED	IIA	I100	0.5	0	0	3.77	19.04				6218	G4	1.44	
CMPWU06	404.17	404.67	0.5	CALCULATED	IIA	IP	0.5	0	0	3.77	19.04				6218	G4	1.44	
CMPWU06	404.17	404.67	0.5	DETERMINED	IIA	BCS	0.5			3.9	19.1	33.9	43.1	45.1458	6115	G4	1.44	ADB
CMPWU06	404.17	404.67	0.5	DETERMINED	IIA	BCS	0.5			3.8	19.1	33.9	43.2	45.0858	6120	G4	1.44	60%RH40°C
CMPWU06	404.17	404.67	0.5	DETERMINED	IIA	I30	0.5			3.9	19.1	33.9	43.1	45.1458	6115	G4	1.44	ADB
CMPWU06	404.17	404.67	0.5	DETERMINED	IIA	I30	0.5			3.8	19.1	33.9	43.2	45.0858	6120	G4	1.44	60%RH40°C
CMPWU06	413.15	413.85	0.7	CALCULATED	IIB	I100	0.7	0	0	3.48	23.01				5887	G5	1.47	
CMPWU06	413.15	413.85	0.7	CALCULATED	IIB	IP	0.7	0	0	3.48	23.01				5887	G5	1.47	
CMPWU06	413.15	413.85	0.7	DETERMINED	IIB	BCS	0.7			3.6	23.3	31.5	41.6	44.5104	5743	G6	1.5	ADB
CMPWU06	413.15	413.85	0.7	DETERMINED	IIB	BCS	0.7			3.9	23.2	31.4	41.5	44.4885	5726	G6	1.5	60%RH40°C
CMPWU06	413.15	413.85	0.7	DETERMINED	IIB	I30	0.7			3.6	23.3	31.5	41.6	44.5104	5743	G6	1.5	ADB
CMPWU06	413.15	413.85	0.7	DETERMINED	IIB	I30	0.7			3.9	23.2	31.4	41.5	44.4885	5726	G6	1.5	60%RH40°C
CMPWU06	418.52	418.87	0.35	CALCULATED	III	I100	0.35	0	0	1.45	53.66				3296	G14	1.78	
CMPWU06	418.52	418.87	0.35	CALCULATED	III	IP	0.35	0	0	1.45	53.66				3296	G14	1.78	
CMPWU07	459.64	463.73	4.09	CALCULATED	IA	I100	4.09	0	0	2.9	47.01				3711	G12	1.69	
CMPWU07	459.64	463.73	4.09	CALCULATED	IA	IP	4.09	0	0	2.9	47.01				3711	G12	1.69	
CMPWU07	459.64	463.73	4.09	DETERMINED	IA	BCS	4.09			2.6	48.9	9.2	39.3	21.0961	3656	G13	1.73	ADB

DESCRIPTIVE SEAM OVERALL ANALYSIS DATA OF BOREHOLES DRILLED IN WEST OF URDHAN JAMUNIA BLOCK PENCH KANHAN TAWA VALLEY COALFIELD, DISTRICT – CHHINDWARA MADHYA PRADESH, DISTRICT – CHHINDWARA, MADHYA PRADESH

BOREHOLE NO.	FORM (m)	TO (m)	SEAM THICKNESS (m)	DET/ICAL	SEAM NAME	TYPE OF SAMPLE	ANALYSED THICKNESSES (M)	DIRT BANDS INCLUDED NO.	DIRT BANDS INCLUDED THK(M)	MOI (%)	ASH (%)	VM (%)	FC (%)	UNIT VM (%)	CVAR KCAL/KG	GRADE	SPECIFIC GRAVITY	REMARKS/ Cat.
CMPWU07	459.64	463.73	4.09	DETERMINED	IA	BCS	4.09			2.7	48.8	9.2	39.3	21.0912	3651	G13	1.73	60%RH40°C
CMPWU07	459.64	463.73	4.09	DETERMINED	IA	I30	4.09			2.6	48.9	9.2	39.3	21.0961	3656	G13	1.73	ADB
CMPWU07	459.64	463.73	4.09	DETERMINED	IA	I30	4.09			2.7	48.8	9.2	39.3	21.0912	3651	G13	1.73	60%RH40°C
CMPWU07	464.1	467.52	3.42	CALCULATED	IB	IP	3.42	2	1.15	2.67	54.37				3052	G15	1.81	
CMPWU07	465.25	467.52	2.27	CALCULATED	IB	I100	2.27	0	0	4.55	28.63				5202	G7	1.53	
CMPWU07	465.25	467.52	2.27	DETERMINED	IB	BCS	2.22			2.5	28.7	10.4	58.4	15.7743	5734	G6	1.5	ADB
CMPWU07	465.25	467.52	2.27	DETERMINED	IB	BCS	2.22			2.4	28.7	10.4	58.5	15.7504	5738	G6	1.5	60%RH40°C
CMPWU07	465.25	467.52	2.27	DETERMINED	IB	I30	2.22			2.5	28.7	10.4	58.4	15.7743	5734	G6	1.5	ADB
CMPWU07	465.25	467.52	2.27	DETERMINED	IB	I30	2.22			2.4	28.7	10.4	58.5	15.7504	5738	G6	1.5	60%RH40°C
CMPWU07	468.24	468.36	0.12	CALCULATED	IC	I100	0.12	0	0	3.4	32.17				5036	G8	1.56	
CMPWU07	468.24	468.56	0.32	CALCULATED	IC	IP	0.32	1	0.2	1.22	69.94				1797	UGRD	More than 1.87	
CMPWU07	469.87	472.5	2.63	CALCULATED	I1A	IP	2.63	1	0.98	1.61	60.28				2650	G16	1.84	
CMPWU07	470.85	472.5	1.65	CALCULATED	I1A	I100	1.65	0	0	2.49	43.39				4112	G11	1.65	
CMPWU07	470.85	472.5	1.65	DETERMINED	I1A	BCS	1.65			2.1	43.5	12.9	41.5	25.7742	4296	G11	1.65	ADB
CMPWU07	470.85	472.5	1.65	DETERMINED	I1A	BCS	1.65			2.5	43.3	12.9	41.3	25.8673	4278	G11	1.65	60%RH40°C
CMPWU07	470.85	472.5	1.65	DETERMINED	I1A	I30	1.65			2.1	43.5	12.9	41.5	25.7742	4296	G11	1.65	ADB
CMPWU07	470.85	472.5	1.65	DETERMINED	I1A	I30	1.65			2.5	43.3	12.9	41.3	25.8673	4278	G11	1.65	60%RH40°C
CMPWU07	476.18	476.7	0.52	CALCULATED	I1B	I100	0.52	0	0	3.01	32.04				5105	G8	1.56	
CMPWU07	476.18	476.7	0.52	CALCULATED	I1B	IP	0.52	0	0	3.01	32.04				5105	G8	1.56	
CMPWU07	476.18	476.7	0.52	DETERMINED	I1B	BCS	0.52			1.5	32.9	16.6	49	26.641	5453	G7	1.53	ADB
CMPWU07	476.18	476.7	0.52	DETERMINED	I1B	BCS	0.52			1.5	32.9	16.6	49	26.641	5453	G7	1.53	60%RH40°C
CMPWU07	476.18	476.7	0.52	DETERMINED	I1B	I30	0.52			1.5	32.9	16.6	49	26.641	5453	G7	1.53	ADB
CMPWU07	476.18	476.7	0.52	DETERMINED	I1B	I30	0.52			1.5	32.9	16.6	49	26.641	5453	G7	1.53	60%RH40°C
CMPWU07	478.87	480.91	2.04	CALCULATED	I1C	I100	2.04	0	0									
CMPWU07	478.87	480.91	2.04	CALCULATED	I1C	IP	2.04	0	0									
CMPWU07	478.87	480.91	2.04	DETERMINED	I1C	BCS	2.04			1.6	23.6	21.9	52.9	30.2319	6136	G4	1.44	ADB
CMPWU07	478.87	480.91	2.04	DETERMINED	I1C	BCS	2.04			1.3	23.7	21.9	53.1	30.1528	6152	G4	1.44	60%RH40°C
CMPWU07	478.87	480.91	2.04	DETERMINED	I1C	I30	2.04			1.6	23.6	21.9	52.9	30.2319	6136	G4	1.44	ADB
CMPWU07	478.87	480.91	2.04	DETERMINED	I1C	I30	2.04			1.3	23.7	21.9	53.1	30.1528	6152	G4	1.44	60%RH40°C
CMPWU07	487.1	492.76	5.66	DETERMINED	IV	BCS	5.66			2.6	26.2	25.6	45.6	37.3287	5542	G6	1.5	ADB
CMPWU07	487.1	492.76	5.66	DETERMINED	IV	BCS	5.66			3.1	26.1	25.5	45.3	37.3955	5511	G6	1.5	60%RH40°C
CMPWU07	487.1	492.76	5.66	DETERMINED	IV	I30	5.66			2.6	26.2	25.6	45.6	37.3287	5542	G6	1.5	ADB
CMPWU07	487.1	492.76	5.66	DETERMINED	IV	I30	5.66			3.1	26.1	25.5	45.3	37.3955	5511	G6	1.5	60%RH40°C
CMPWU07	488.1	492.08	3.98	CALCULATED	IV+	I100	3.98	0	0	2.67	21.18				6177	G4	1.44	
CMPWU07	488.1	492.08	3.98	CALCULATED	IV+	IP	3.98	0	0	2.67	21.18				6177	G4	1.44	
CMPWU07	495.2	495.43	0.23	CALCULATED	VA	I100	0.23	0	0	3.83	7.68				7279	G1	1.36	
CMPWU07	495.2	495.43	0.23	CALCULATED	VA	IP	0.23	0	0	3.83	7.68				7279	G1	1.36	
CMPWU07	507.77	508.21	0.44	CALCULATED	VB	I100	0.44	0	0	3	11.06				7082	G1	1.36	
CMPWU07	507.77	508.21	0.44	CALCULATED	VB	IP	0.44	0	0	3	11.06				7082	G1	1.36	