

## Annexure-V

DESCRIPTIVE BAND-BY-BAND ANALYTICAL DATA OF BOREHOLES DRILLED IN WEST OF URDHAN JAMUNIA BLOCK, PENCH KANHAN TAWA VALLEY COALFIELD, DISTRICT – CHHINDWARA, MADHYA PRADESH								
Borehole No.	FROM(M)	TO (M)	THICKNESS (M)	RECOVERY (M)	LITHOLOGY	Wt.g.	Moi%	Ash%
<b>CMPWU01</b>	<b>SEAM IA FROM 512.89 M TO 513.29 M THICKNESS 0.40 M</b>							
CMPWU01	512.89	513.29	0.40	0.40	COAL	895	5.90	32.70
<b>CMPWU01</b>	<b>SEAM IB FROM 514.42 M TO 521.14 M THICKNESS 6.72 M</b>							
CMPWU01	514.42	515.00	0.58	0.58	COAL	1461	7.50	28.40
CMPWU01	515.00	516.00	1.00	1.00	COAL	2590	7.80	26.80
CMPWU01	516.00	516.28	0.28	0.28	COAL	856	9.20	24.20
CMPWU01	516.28	516.34	0.06	0.06	SHALY COAL	310	4.70	45.00
CMPWU01	516.34	516.69	0.35	0.35	SHALY COAL	656	7.30	37.50
CMPWU01	516.69	517.42	0.73	0.73	SHALE	2749	2.90	77.40
CMPWU01	517.42	518.00	0.58	0.58	COAL	1515	7.40	26.90
CMPWU01	518.00	519.00	1.00	1.00	COAL	2376	9.50	19.10
CMPWU01	519.00	520.00	1.00	1.00	COAL	2042	9.30	18.80
CMPWU01	520.00	521.00	1.00	1.00	COAL	2152	10.50	13.30
CMPWU01	521.00	521.14	0.14	0.14	COAL	350	11.50	11.40
<b>CMPWU01</b>	<b>SEAM IC FROM 524.60 M TO 527.96 M THICKNESS 3.36 M</b>							
CMPWU01	524.60	525.42	0.82	0.82	COAL	2089	7.90	17.30
CMPWU01	525.42	526.42	1.00	1.00	COAL	2264	10.30	13.80
CMPWU01	526.42	527.00	0.58	0.58	COAL	1212	10.10	14.80
CMPWU01	527.00	527.96	0.96	0.96	COAL	2148	10.20	14.20
<b>CMPWU01</b>	<b>SEAM IIA FROM 533.94 M TO 536.94 M THICKNESS 1.55 M</b>							
CMPWU01	533.94	534.94	1.00	1.00	COAL	2370	9.5	21.9
CMPWU01	534.94	535.30	0.36	0.36	COAL	737	9.70	15.90
CMPWU01	535.30	536.00	0.7	0.70	COAL	1584	10.00	11.60
CMPWU01	536.00	536.49	0.49	0.49	COAL	1007	9.30	18.70
CMPWU01	536.49	536.72	0.23	0.23	CARB SHALE HIGH	895	2.20	70.90
CMPWU01	536.72	536.94	0.22	0.22	COAL	359	8.70	24.30
<b>CMPWU01</b>	<b>SEAM IIB FROM 538.40 M TO 539.45 M THICKNESS 1.05 M</b>							
CMPWU01	538.40	539.00	0.60	0.60	COAL	1448	6.60	19.20
CMPWU01	539.00	539.45	0.45	0.45	COAL	910	7.50	15.30
<b>CMPWU01</b>	<b>SEAM III FROM 542.74 M TO 546.30 M THICKNESS 3.56 M</b>							
CMPWU01	542.74	543.74	1.00	1.00	COAL	2215	8.60	13.40
CMPWU01	543.74	544.02	0.28	0.28	COAL	516	8.40	11.80
CMPWU01	544.02	544.20	0.18	0.18	CARB SHALE HIGH	422	4.60	64.80
CMPWU01	544.20	545.00	0.80	0.80	COAL	1752	10.00	11.60
CMPWU01	545.00	546.00	1.00	1.00	COAL	2251	9.10	13.80
CMPWU01	546.00	546.30	0.30	0.30	COAL	520	8.40	10.80
CMPWU01	546.30	546.59	0.29	0.29	CARB SHALE HIGH	853	4.50	64.50
<b>CMPWU01</b>	<b>SEAM IV FROM 549.78 M TO 554.38 M THICKNESS 4.60 M</b>							
CMPWU01	549.78	550.78	1.00	1.00	COAL	2367	6.70	25.70
CMPWU01	550.78	551.00	0.22	0.22	COAL	575	7.70	13.80
CMPWU01	551.00	552.00	1.00	1.00	COAL	2329	6.80	21.10
CMPWU01	552.00	553.00	1.00	1.00	COAL	2249	7.20	18.20
CMPWU01	553.00	554.00	1.00	1.00	COAL	2227	9.00	13.70
CMPWU01	554.00	554.38	0.38	0.38	COAL	845	10.00	5.40

**DESCRIPTIVE BAND-BY-BAND ANALYTICAL DATA OF BOREHOLES DRILLED IN WEST OF URDHAN JAMUNIA BLOCK, PENCH KANHAN TAWA VALLEY COALFIELD, DISTRICT – CHHINDWARA, MADHYA PRADESH**

<b>Borehole No.</b>	<b>FROM(M)</b>	<b>TO (M)</b>	<b>THICKNESS (M)</b>	<b>RECOVERY (M)</b>	<b>LITHOLOGY</b>	<b>Wt.g.</b>	<b>Moi%</b>	<b>Ash%</b>
<b>CMPWU01</b>	<b>SEAM VA FROM 556.77 M TO 558.18 M THICKNESS 1.41 M</b>							
CMPWU01	556.77	557.00	0.23	0.23	COAL	597	4.90	27.00
CMPWU01	557.00	558.00	1.00	1.00	COAL	2222	6.00	19.40
CMPWU01	558.00	558.18	0.18	0.18	COAL	422	6.70	12.50
<b>CMPWU01</b>	<b>SEAM VB FROM 565.93 M TO 566.45 M THICKNESS 0.52 M</b>							
CMPWU01	565.93	566.00	0.07	0.07	COAL	193	5.20	12.90
CMPWU01	566.00	566.10	0.10	0.10	CARB SHALE LOW	294	3.40	52.20
CMPWU01	566.10	566.45	0.35	0.35	COAL	898	5.50	21.00
<b>CMPWU02</b>	<b>SEAM IA FROM 577.64 M TO 578.15 M THICKNESS 0.51 M</b>							
CMPWU02	577.64	577.82	0.18	0.18	SHALY COAL	520	3.90	44.80
CMPWU02	577.82	578.15	0.33	0.33	SHALY COAL	843	4.50	38.00
<b>CMPWU02</b>	<b>SEAM IB FROM 579.40 M TO 584.92 M THICKNESS 5.52 M</b>							
CMPWU02	579.40	580.00	0.60	0.60	COAL	1417	7.10	28.40
CMPWU02	580.00	580.95	0.95	0.93	SHALY COAL	2296	6.30	34.90
CMPWU02	580.95	581.25	0.30	0.30	SHALE	1071	2.10	78.70
CMPWU02	581.25	581.40	0.15	0.15	SHALY COAL	450	5.80	43.40
CMPWU02	581.40	581.86	0.46	0.46	SHALE	1827	2.60	78.60
CMPWU02	581.86	582.86	1.00	1.00	COAL	2359	7.10	20.60
CMPWU02	582.86	583.00	0.14	0.10	COAL	454	6.00	28.70
CMPWU02	583.00	584.00	1.00	1.00	COAL	2182	7.90	19.20
CMPWU02	584.00	584.92	0.92	0.92	COAL	2123	9.50	14.70
<b>CMPWU02</b>	<b>SEAM IC FROM 587.08 M TO 589.68 M THICKNESS 2.60 M</b>							
CMPWU02	587.08	588.08	1.00	1.00	COAL	2280	6.00	28.50
CMPWU02	588.08	589.00	0.92	0.92	COAL	1896	8.40	12.70
CMPWU02	589.00	589.68	0.68	0.68	COAL	1375	8.90	16.70
<b>CMPWU02</b>	<b>SEAM IIA FROM 596.20 M TO 598.07 M THICKNESS 1.87 M</b>							
CMPWU02	596.20	597.20	1.00	1.00	COAL	2278	8.10	20.60
CMPWU02	597.20	598.00	0.80	0.80	COAL	1729	8.30	12.80
CMPWU02	598.00	598.07	0.07	0.07	COAL	131	6.20	18.80
<b>CMPWU02</b>	<b>SEAM IIB FROM 602.78 M TO 603.72 M THICKNESS 0.94 M</b>							
CMPWU02	602.78	603.72	0.94	0.93	COAL	2124	6.60	22.20
<b>CMPWU02</b>	<b>SEAM III FROM 606.30 M TO 608.25 M THICKNESS 1.95 M</b>							
CMPWU02	606.30	607.00	0.70	0.66	COAL	1560	7.10	11.10
CMPWU02	607.00	608.00	1.00	1.00	COAL	2497	5.70	33.00
CMPWU02	608.00	608.25	0.25	0.25	COAL	425	5.90	21.20
<b>CMPWU02</b>	<b>SEAM IV FROM 614.80 M TO 618.20 M THICKNESS 3.40 M</b>							
CMPWU02	614.80	615.80	1.00	1.00	COAL	2142	5.70	17.20
CMPWU02	615.80	616.00	0.20	0.15	COAL	416	5.80	16.70
CMPWU02	616.00	617.00	1.00	1.00	COAL	1891	5.80	18.80
CMPWU02	617.00	618.00	1.00	1.00	COAL	1772	7.70	10.90
CMPWU02	618.00	618.20	0.20	0.20	COAL	296	6.70	15.40
<b>CMPWU02</b>	<b>SEAM VA FROM 623.75 M TO 624.25 M THICKNESS 0.50 M</b>							
CMPWU02	623.75	624.25	0.50	0.42	COAL	588	6.40	24.40
<b>CMPWU02</b>	<b>SEAM VB FROM 630.17 M TO 630.67 M THICKNESS 0.50 M</b>							
CMPWU02	630.17	630.67	0.50	0.50	CARB SHALE HIGH	1855	2.30	69.30
<b>CMPWU03</b>	<b>SEAM IA FROM 622.49 M TO 622.89 M THICKNESS 0.40 M</b>							

## Annexure-V

DESCRIPTIVE BAND-BY-BAND ANALYTICAL DATA OF BOREHOLES DRILLED IN WEST OF URDHAN JAMUNIA BLOCK, PENCH KANHAN  
TAWA VALLEY COALFIELD, DISTRICT – CHHINDWARA, MADHYA PRADESH

Borehole No.	FROM(M)	TO (M)	THICKNESS (M)	RECOVERY (M)	LITHOLOGY	Wt.g.	Moi%	Ash%
CMPWU03	622.49	622.89	0.40	0.40	SHALY COAL	908	3.00	45.40
CMPWU03	622.89	623.00	0.11	0.11	SHALE	388	2.90	75.20
CMPWU03	626.17	626.36	0.19	0.11	SHALE	820	2.90	76.40
<b>CMPWU03</b>	<b>SEAM IB FROM 626.36 M TO 627.62 M THICKNESS 1.26 M</b>							
CMPWU03	626.36	627.10	0.74	0.74	CARB SHALE LOW	2020	3.40	55.00
CMPWU03	627.10	627.26	0.16	0.16	SHALE	521	2.10	80.30
CMPWU03	627.26	627.62	0.36	0.36	SHALY COAL	1010	3.30	39.90
<b>CMPWU03</b>	<b>SEAM IC FROM 628.06 M TO 630.37 M THICKNESS 2.31 M</b>							
CMPWU03	628.06	629.00	0.94	0.94	COAL	2270	3.20	35.80
CMPWU03	629.00	630.00	1.00	1.00	COAL	2085	2.90	26.60
CMPWU03	630.00	630.37	0.37	0.36	COAL	805	2.60	30.50
<b>CMPWU03</b>	<b>SEAM IIA FROM 632.88 M TO 635.00 M THICKNESS 2.12 M</b>							
CMPWU03	632.88	633.10	0.22	0.22	SHALY COAL	684	3.30	45.70
CMPWU03	633.10	634.10	1.00	1.00	COAL	1930	3.00	20.00
CMPWU03	634.10	635.00	0.90	0.87	COAL	1444	2.50	20.90
<b>CMPWU03</b>	<b>SEAM IIB FROM 637.81 M TO 639.20 M THICKNESS 1.39 M</b>							
CMPWU03	637.81	638.00	0.19	0.19	CARB SHALE LOW	565	2.30	57.00
CMPWU03	638.00	639.00	1.00	1.00	COAL	2093	3.00	31.40
CMPWU03	639.00	639.20	0.20	0.20	COAL	340	2.70	14.60
<b>CMPWU03</b>	<b>SEAM III FROM 648.30 M TO 651.42 M THICKNESS 3.12 M</b>							
CMPWU03	648.30	649.30	1.00	1.00	COAL	1844	2.50	25.80
CMPWU03	649.30	650.00	0.70	0.70	COAL	1380	1.70	24.20
CMPWU03	650.00	651.00	1.00	1.00	COAL	2013	1.80	13.10
CMPWU03	651.00	651.42	0.42	0.42	COAL	927	1.80	12.10
<b>CMPWU03</b>	<b>SEAM IV FROM 654.46 M TO 657.38 M THICKNESS 2.92 M</b>							
CMPWU03	654.46	655.46	1.00	1.00	COAL	2139	2.40	21.70
CMPWU03	655.46	656.00	0.54	0.52	COAL	1024	2.70	17.30
CMPWU03	656.00	657.00	1.00	1.00	COAL	2109	3.50	12.70
CMPWU03	657.00	657.38	0.38	0.38	COAL	862	4.30	9.80
<b>CMPWU03</b>	<b>SEAM VA FROM 659.79 M TO 660.72 M THICKNESS 0.93 M</b>							
CMPWU03	659.79	660.72	0.93	0.93	COAL	1702	3.70	18.20
<b>CMPWU03</b>	<b>SEAM VB FROM 665.97 M TO 666.47 M THICKNESS 0.50 M</b>							
CMPWU03	665.97	666.47	0.50	0.46	SHALY COAL	1038	2.80	38.40
CMPWU04	454.71	454.84	0.13	0.12	SHALE	531	2.50	75.80
CMPWU04	454.84	455.00	0.16	0.14	CARB SHALE HIGH	448	3.10	62.80
<b>CMPWU04</b>	<b>SEAM IA FROM 455.00 M TO 455.83 M THICKNESS 0.83 M</b>							
CMPWU04	455.00	455.83	0.83	0.80	COAL	2153	5.20	34.50
<b>CMPWU04</b>	<b>SEAM IB FROM 457.90 M TO 459.85 M THICKNESS 1.95 M</b>							
CMPWU04	457.90	458.00	0.10	0.10	CARB SHALE LOW	305	3.60	52.20
CMPWU04	458.00	459.00	1.00	1.00	COAL	2422	5.50	28.80
CMPWU04	459.00	459.85	0.85	0.85	COAL	1964	5.70	29.60
CMPWU04	459.85	460.12	0.27	0.27	CARB SHALE HIGH	957	3.00	65.70
CMPWU04	460.12	460.25	0.13	0.13	SHALY COAL	404	4.60	36.70
CMPWU04	460.25	460.38	0.13	0.13	SHALY COAL	398	4.30	47.40
<b>CMPWU04</b>	<b>SEAM IC FROM 461.00 M TO 463.57 M THICKNESS 2.57 M</b>							
CMPWU04	461.00	461.09	0.09	0.09	SHALY COAL	301	3.90	47.70

## Annexure-V

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Borehole No.	FROM(M)	TO (M)	THICKNESS (M)	RECOVERY (M)	LITHOLOGY	Wt.g.	Moi%	Ash%
CMPWU04	461.09	462.09	1.00	1.00	COAL	2477	5.30	27.60
CMPWU04	462.09	463.09	1.00	1.00	COAL	2231	6.10	20.00
CMPWU04	463.09	463.57	0.48	0.47	COAL	1109	6.90	12.20
<b>CMPWU04</b>	<b>SEAM IIA FROM 468.74 M TO 471.74 M THICKNESS 3.00 M</b>							
CMPWU04	468.74	468.81	0.07	0.07	SHALY COAL	251	4.30	42.50
CMPWU04	468.81	469.44	0.63	0.63	COAL	1565	5.80	24.60
CMPWU04	469.44	469.66	0.22	0.22	SHALE	932	2.10	77.20
CMPWU04	469.66	469.86	0.20	0.20	CARB SHALE LOW	693	3.50	56.70
CMPWU04	469.86	470.00	0.14	0.14	SHALY COAL	419	4.30	44.00
CMPWU04	470.00	471.00	1.00	1.00	COAL	2188	5.50	17.40
CMPWU04	471.00	471.74	0.74	0.74	COAL	1592	7.60	12.20
<b>CMPWU04</b>	<b>SEAM IIB FROM 474.55 M TO 476.47 M THICKNESS 1.92 M</b>							
CMPWU04	474.55	475.55	1.00	1.00	COAL	2291	6.30	21.80
CMPWU04	475.55	476.00	0.45	0.45	COAL	1069	7.50	9.70
CMPWU04	476.00	476.47	0.47	0.47	COAL	1041	7.40	13.30
<b>CMPWU04</b>	<b>SEAM III FROM 486.10 M TO 488.92 M THICKNESS 2.82 M</b>							
CMPWU04	486.10	487.10	1.00	1.00	COAL	2270	6.20	21.80
CMPWU04	487.10	487.91	0.81	0.81	COAL	1854	5.80	12.60
CMPWU04	487.91	488.00	0.09	0.09	SHALE	370	1.90	75.10
CMPWU04	488.00	488.22	0.22	0.22	SHALE	985	1.80	74.10
CMPWU04	488.22	488.59	0.37	0.37	COAL	879	5.10	15.30
CMPWU04	488.59	488.68	0.09	0.09	CARB SHALE HIGH	394	2.20	70.20
CMPWU04	488.68	488.92	0.24	0.24	COAL	595	4.90	22.20
<b>CMPWU04</b>	<b>SEAM IV FROM 494.91 M TO 499.20 M THICKNESS 4.29 M</b>							
CMPWU04	494.91	495.91	1.00	1.00	COAL	2243	5.40	15.70
CMPWU04	495.91	496.91	1.00	1.00	COAL	2358	5.70	17.10
CMPWU04	496.91	497.00	0.09	0.09	COAL	311	5.20	16.50
CMPWU04	497.00	498.00	1.00	1.00	COAL	2252	5.50	14.40
CMPWU04	498.00	499.00	1.00	1.00	COAL	2146	6.20	11.50
CMPWU04	499.00	499.20	0.20	0.20	SHALY COAL	641	4.00	42.70
<b>CMPWU04</b>	<b>SEAM VA FROM 505.08 M TO 506.43 M THICKNESS 1.35 M</b>							
CMPWU04	505.08	506.00	0.92	0.92	COAL	1844	6.30	13.90
CMPWU04	506.00	506.05	0.05	0.05	COAL	163	5.60	17.20
CMPWU04	506.05	506.11	0.06	0.06	CARB SHALE HIGH	279	1.60	72.20
CMPWU04	506.11	506.43	0.32	0.32	COAL	617	5.10	15.80
<b>CMPWU04</b>	<b>SEAM VB FROM 508.55 M TO 508.76 M THICKNESS 0.21 M</b>							
CMPWU04	508.55	508.76	0.21	0.21	COAL	556	4.70	21.50
<b>CMPWU05</b>	<b>SEAM IA FROM 646.04 M TO 646.36 M THICKNESS 0.32 M</b>							
CMPWU05	646.04	646.11	0.07	0.07	CARB SHALE LOW	223	2.00	62.10
CMPWU05	646.11	646.36	0.25	0.25	SHALY COAL	605	2.30	43.50
CMPWU05	647.50	647.59	0.09	0.09	SHALE	404	1.70	80.80
<b>CMPWU05</b>	<b>SEAM IB FROM 647.59 M TO 651.48 M THICKNESS 3.89 M</b>							
CMPWU05	647.59	648.59	1.00	1.00	SHALY COAL	2804	3.00	49.30
CMPWU05	648.59	648.81	0.22	0.22	SHALY COAL	743	2.50	41.20
CMPWU05	648.81	649.40	0.59	0.59	SHALE	2311	2.30	81.40
CMPWU05	649.40	650.00	0.60	0.60	COAL	1455	3.00	36.20

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<b>Borehole No.</b>	<b>FROM(M)</b>	<b>TO (M)</b>	<b>THICKNESS (M)</b>	<b>RECOVERY (M)</b>	<b>LITHOLOGY</b>	<b>Wt.g.</b>	<b>Moi%</b>	<b>Ash%</b>
CMPWU05	650.00	651.00	1.00	1.00	COAL	2245	2.10	27.00
CMPWU05	651.00	651.48	0.48	0.48	COAL	946	1.90	19.90
CMPWU05	651.48	651.61	0.13	0.13	SHALE	499	1.90	80.50
CMPWU05	652.73	653.00	0.27	0.27	SHALE	1066	1.70	76.40
CMPWU05	653.00	653.22	0.22	0.22	SHALE	893	1.70	79.00
<b>CMPWU05</b>	<b>SEAM IC FROM 653.22 M TO 654.82 M THICKNESS 1.60 M</b>							
CMPWU05	653.22	654.22	1.00	1.00	COAL	1995	1.90	22.50
CMPWU05	654.22	654.82	0.60	0.60	COAL	1445	1.70	20.70
<b>CMPWU05</b>	<b>SEAM IIA FROM 658.09 M TO 658.97 M THICKNESS 0.88 M</b>							
CMPWU05	658.09	658.97	0.88	0.88	COAL	1686	1.40	25.40
<b>CMPWU05</b>	<b>SEAM IIB FROM 666.65 M TO 667.23 M THICKNESS 0.58 M</b>							
CMPWU05	666.65	667.23	0.58	0.58	COAL	1316	1.30	28.50
<b>CMPWU05</b>	<b>SEAM III FROM 669.31 M TO 670.35 M THICKNESS 1.04 M</b>							
CMPWU05	669.31	670.35	1.04	1.04	COAL	1877	1.40	18.50
<b>CMPWU05</b>	<b>SEAM IV FROM 676.70 M TO 679.76 M THICKNESS 3.06 M</b>							
CMPWU05	676.70	677.00	0.30	0.30	COAL	582	1.00	13.00
CMPWU05	677.00	678.00	1.00	1.00	COAL	2144	1.00	20.90
CMPWU05	678.00	679.00	1.00	1.00	COAL	2158	0.90	18.80
CMPWU05	679.00	679.76	0.76	0.76	SHALY COAL	1808	0.70	42.30
<b>CMPWU05</b>	<b>SEAM VA FROM 682.43 M TO 682.72 M THICKNESS 0.29 M</b>							
CMPWU05	682.43	682.72	0.29	0.29	SHALY COAL	862	0.70	53.10
<b>CMPWU05</b>	<b>SEAM VB FROM 693.44 M TO 693.63 M THICKNESS 0.19 M</b>							
CMPWU05	693.44	693.63	0.19	0.17	SHALY COAL	420	0.70	42.20
<b>CMPWU06</b>	<b>SEAM IA FROM 392.68 M TO 392.98 M THICKNESS 0.30 M</b>							
CMPWU06	392.68	392.98	0.30	0.30	COAL	813	3.52	31.20
CMPWU06	395.76	396.66	0.90	0.78	COAL	1450	5.28	15.70
<b>CMPWU06</b>	<b>SEAM IB FROM 397.16 M TO 401.00 M THICKNESS 3.84 M</b>							
CMPWU06	397.16	398.00	0.84	0.68	COAL	1026	5.31	23.34
CMPWU06	398.00	399.00	1.00	1.00	COAL	1862	3.76	18.86
CMPWU06	399.00	400.00	1.00	1.00	COAL	1674	5.08	13.88
CMPWU06	400.00	400.73	0.73	0.70	COAL	1338	5.73	15.60
CMPWU06	400.73	400.81	0.08	0.07	ANDSTONE(FINE GRAINE	278.5	0.50	90.00
CMPWU06	400.81	401.00	0.19	0.18	COAL	266	4.23	16.34
<b>CMPWU06</b>	<b>SEAM IC FROM 402.40 M TO 403.70 M THICKNESS 1.30 M</b>							
CMPWU06	402.40	403.20	0.80	0.80	COAL	1047	5.90	16.91
CMPWU06	403.20	403.70	0.50	0.50	COAL	1002	3.70	16.38
<b>CMPWU06</b>	<b>SEAM IIA FROM 404.17 M TO 404.67 M THICKNESS 0.50 M</b>							
CMPWU06	404.17	404.67	0.50	0.50	COAL	905	3.84	19.03
<b>CMPWU06</b>	<b>SEAM IIB FROM 413.15 M TO 413.85 M THICKNESS 0.70 M</b>							
CMPWU06	413.15	413.85	0.70	0.70	COAL	979	3.75	22.94
<b>CMPWU06</b>	<b>SEAM III FROM 418.52 M TO 418.87 M THICKNESS 0.35 M</b>							
CMPWU06	418.52	418.67	0.15	0.15	CARB SHALE LOW	418	1.83	62.26
CMPWU06	418.67	418.82	0.15	0.15	SHALY COAL	263	2.42	39.83
CMPWU06	418.82	418.87	0.05	0.05	SHALY COAL	103	2.20	51.51
CMPWU06	420.49	420.59	0.10	0.10	COAL	209	4.29	9.90
<b>CMPWU07</b>	<b>SEAM IA FROM 459.64 M TO 463.73 M THICKNESS 4.09 M</b>							

## Annexure-V

DESCRIPTIVE BAND-BY-BAND ANALYTICAL DATA OF BOREHOLES DRILLED IN WEST OF URDHAN JAMUNIA BLOCK, PENCH KANHAN TAWA VALLEY COALFIELD, DISTRICT – CHHINDWARA, MADHYA PRADESH								
Borehole No.	FROM(M)	TO (M)	THICKNESS (M)	RECOVERY (M)	LITHOLOGY	Wt.g.	Moi%	Ash%
CMPWU07	459.64	460.64	1.00	1.00	CARB SHALE LOW	2962	2.68	58.62
CMPWU07	460.64	461.64	1.00	1.00	SHALY COAL	2848	2.50	49.52
CMPWU07	461.64	462.64	1.00	1.00	CARB SHALE LOW	2756	2.41	53.50
CMPWU07	462.64	463.19	0.55	0.55	COAL	1187	2.68	26.15
CMPWU07	463.19	463.73	0.54	0.54	COAL	1119	2.08	17.91
<b>CMPWU07</b>	<b>SEAM IB FROM 464.10 M TO 467.52 M THICKNESS 3.42 M</b>							
CMPWU07	464.10	464.70	0.60	0.60	SHALE	2317	1.63	81.82
CMPWU07	464.70	465.25	0.55	0.55	SHALE	1745	2.58	75.29
CMPWU07	465.25	466.25	1.00	1.00	COAL	2221	2.27	34.46
CMPWU07	466.25	467.00	0.75	0.70	COAL	1199	2.28	25.28
CMPWU07	467.00	467.52	0.52	0.52	COAL	484	2.40	15.60
<b>CMPWU07</b>	<b>SEAM IC FROM 468.24 M TO 468.56 M THICKNESS 0.32 M</b>							
CMPWU07	468.24	468.36	0.12	0.12	COAL	243	2.57	32.45
CMPWU07	468.36	468.56	0.20	0.20	SHALE	719	1.71	81.93
<b>CMPWU07</b>	<b>SEAM IIA FROM 469.87 M TO 472.50 M THICKNESS 2.63 M</b>							
CMPWU07	469.87	470.85	0.98	0.98	SHALE	3540	1.58	77.14
CMPWU07	470.85	471.85	1.00	1.00	SHALY COAL	1976	2.38	37.93
CMPWU07	471.85	472.50	0.65	0.65	SHALY COAL	1656	1.70	50.31
CMPWU07	474.05	474.38	0.33	0.33	CARB SHALE HIGH	901	1.62	66.30
<b>CMPWU07</b>	<b>SEAM IIB FROM 476.18 M TO 476.70 M THICKNESS 0.52 M</b>							
CMPWU07	476.18	476.70	0.52	0.52	COAL	951	1.49	32.54
<b>CMPWU07</b>	<b>SEAM IIC FROM 478.87 M TO 480.91 M THICKNESS 2.04 M</b>							
CMPWU07	478.87	479.87	1.00	1.00	COAL	1716	1.71	11.84
CMPWU07	479.87	480.37	0.50	0.50	COAL	803	1.57	11.85
CMPWU07	480.37	480.91	0.54	0.54	SHALY COAL	1326	1.35	46.43
CMPWU07	487.10	487.95	0.85	0.85	SHALY COAL	2304	1.48	44.86
<b>CMPWU07</b>	<b>SEAM IV FROM 488.10 M TO 492.08 M THICKNESS 3.98 M</b>							
CMPWU07	488.10	489.10	1.00	1.00	COAL	1753	2.05	26.91
CMPWU07	489.10	490.10	1.00	1.00	COAL	1882	2.95	14.37
CMPWU07	490.10	491.10	1.00	1.00	COAL	1948	2.92	25.58
CMPWU07	491.10	492.08	0.98	0.98	COAL	1554	3.14	17.34
CMPWU07	492.26	492.76	0.50	0.50	COAL	886	3.43	23.03
<b>CMPWU07</b>	<b>SEAM VA FROM 495.20 M TO 495.43 M THICKNESS 0.23 M</b>							
CMPWU07	495.20	495.43	0.23	0.23	COAL	400	5.08	7.58
CMPWU07	496.49	496.68	0.19	0.19	SHALY COAL	438	2.90	43.81
CMPWU07	505.77	505.91	0.14	0.14	COAL	207	2.75	13.16
<b>CMPWU07</b>	<b>SEAM VB FROM 507.77 M TO 508.21 M THICKNESS 0.44 M</b>							
CMPWU07	507.77	508.21	0.44	0.44	COAL	791	3.56	11.00