

**Primary analysis of Borehole Samples for 4 radicals-K₂O, SiO₂, Al₂O₃, Fe₂O₃ in Parsada-Nawapara-Gurur
G-4 Block for Glauconitic Sandstone, District-Balod, Chhattisgarh**

Sr No	BH No.	BH Sample No.	From (m)	To (m)	Thickness (m)	Zone K ₂ O%	K ₂ O%	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
1	MPN-01	MPN-01/01	3.00	4.00	1.00	6.96	6.83	56.31	22.41	6.69
2		MPN-01/02	4.00	5.00	1.00		6.02	63.63	18.62	5.71
3		MPN-01/03	5.00	6.00	1.00		7.32	56.70	22.05	6.47
4		MPN-01/04	6.00	7.00	1.00		7.49	57.01	22.39	6.25
5		MPN-01/05	7.00	8.00	1.00		7.12	60.28	20.30	6.03
6		MPN-01/06	8.00	9.00	1.00	5.82	2.99	86.00	7.21	1.98
7		MPN-01/07	9.00	10.00	1.00		4.37	80.85	9.98	2.38
8		MPN-01/08	10.00	12.00	2.00		6.54	68.15	17.31	3.30
9		MPN-01/09	12.00	14.00	2.00	4.35	3.23	85.60	7.66	1.50
10		MPN-01/10	14.00	16.00	2.00		4.27	81.86	9.15	1.55
11		MPN-01/11	16.00	17.00	1.00		4.53	77.67	12.22	1.49
12		MPN-01/12	17.00	19.00	2.00		2.94	86.82	6.95	1.33
13		MPN-01/13	19.00	19.70	0.70		1.96	91.26	4.42	0.98
14		MPN-01/14	19.70	20.10	0.40		8.73	55.60	23.26	4.80
15		MPN-01/15	20.10	21.10	1.00		2.32	89.30	5.09	1.35
16		MPN-01/16	21.10	22.60	1.50	7.20	8.59	51.13	25.94	5.43
17		MPN-01/17	22.60	24.00	1.40		5.80	72.27	13.59	3.21
18		MPN-01/18	24.00	25.00	1.00		8.69	67.64	17.63	2.75
19		MPN-01/19	25.00	26.00	1.00		7.84	76.17	12.12	1.55
20		MPN-01/20	26.00	27.00	1.00		8.08	66.69	16.22	5.36
21		MPN-01/21	27.00	28.00	1.00		7.70	65.15	16.81	5.69
22		MPN-01/22	28.00	29.00	1.00		6.40	72.04	12.74	5.62
23		MPN-01/23	29.00	30.00	1.00		5.76	71.83	13.24	5.72
24		MPN-01/24	30.00	31.00	1.00		5.57	71.88	12.42	5.47
25		MPN-01/25	31.00	32.20	1.20		5.96	72.05	13.22	5.29
26		MPN-01/26	32.20	33.00	0.80		8.98	56.48	22.96	5.17
27		MPN-01/27	33.00	34.00	1.00		8.94	58.97	21.60	5.28
28		MPN-01/28	34.00	35.00	1.00		8.49	58.79	21.57	5.57
29		MPN-01/29	35.00	36.00	1.00		7.33	57.53	20.82	5.54
30		MPN-01/30	36.00	37.50	1.50		6.57	59.38	19.77	6.60
31		MPN-01/31	37.50	39.00	1.50		6.41	54.48	19.11	6.61
32		MPN-01/32	39.00	41.00	2.00		7.82	57.20	20.18	7.46
33		MPN-01/33	41.00	43.00	2.00		8.42	55.13	21.67	7.88
34		MPN-01/34	43.00	44.00	1.00		7.69	61.77	17.82	6.66
35		MPN-01/35	44.00	45.00	1.00		7.50	61.82	18.16	7.28
36		MPN-01/36	45.00	46.00	1.00		8.04	64.79	17.28	4.89
37		MPN-01/37	46.00	47.00	1.00		5.47	64.37	16.32	6.16
38		MPN-01/38	47.00	48.00	1.00		5.93	64.08	15.78	5.83
39		MPN-01/39	48.00	49.00	1.00		5.83	61.31	16.46	7.94
40		MPN-01/40	49.00	50.00	1.00		5.65	62.89	15.09	8.22

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Sr No	BH No.	BH Sample No.	From (m)	To (m)	Thickness (m)	Zone K ₂ O%	K ₂ O%	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
41	MPN-02	MPN-02/01A	2.00	3.50	1.50		0.53	90.34	3.06	4.43
42		MPN-02/01	3.50	4.50	1.00		4.92	60.43	18.50	8.74
43		MPN-02/02	4.50	5.50	1.00		6.68	54.62	22.20	8.21
44		MPN-02/03	5.50	6.50	1.00		6.29	55.15	20.64	9.64
45		MPN-02/04	6.50	7.50	1.00		6.69	53.55	21.20	10.19
46		MPN-02/05	7.50	8.50	1.00		6.03	60.34	18.66	8.30
47		MPN-02/06	8.50	9.50	1.00		5.87	57.88	17.94	8.60
48		MPN-02/07	9.50	10.50	1.00		5.86	58.96	18.90	9.25
49		MPN-02/08	10.50	11.50	1.00		5.78	58.30	19.00	9.40
50		MPN-02/09	11.50	12.50	1.00		6.48	51.68	22.05	10.52
51		MPN-02/10	12.50	13.50	1.00		5.93	48.34	21.04	13.71
52		MPN-02/11	13.50	14.50	1.00		6.10	53.74	21.34	9.13
53		MPN-02/12	14.50	16.00	1.50		5.48	55.41	19.16	10.45
54		MPN-02/13	16.00	17.00	1.00		6.49	53.24	22.29	9.21
55		MPN-02/14	17.00	18.00	1.00		6.40	55.89	21.18	7.60
56		MPN-02/15	18.00	19.00	1.00		6.49	52.26	20.08	10.06
57		MPN-02/16	19.00	20.00	1.00		6.54	56.79	20.91	7.73
58		MPN-02/17	20.00	21.00	1.00		6.27	57.50	20.25	8.32
59		MPN-02/18	21.00	22.00	1.00		4.95	64.09	15.04	8.34
60		MPN-02/19	22.00	23.00	1.00		4.86	62.44	14.89	9.64
61		MPN-02/20	23.00	24.00	1.00		6.33	58.30	19.10	8.30
62		MPN-02/21	24.00	25.00	1.00		7.14	55.55	20.62	8.67
63		MPN-02/22	25.00	26.00	1.00		6.79	57.05	20.18	7.64
64		MPN-02/23	26.00	27.00	1.00		7.70	58.90	20.09	6.68
65		MPN-02/24	27.00	28.00	1.00		7.26	56.72	20.10	8.07
66	MPN-03	MPN-03/01	0.00	3.00	3.00		0.29	94.37	1.71	2.33
67		MPN-03/02	3.00	5.00	2.00		4.58	54.52	19.93	9.20
68		MPN-03/03	5.00	7.00	2.00		5.71	58.12	19.82	8.53
69		MPN-03/04	7.00	8.50	1.50		3.64	72.47	12.11	5.80
70		MPN-03/05	8.50	10.00	1.50		5.25	54.52	20.59	10.91
71		MPN-03/06	10.00	12.00	2.00		5.85	51.77	22.31	10.77
72		MPN-03/07	12.00	14.00	2.00		6.16	55.53	22.24	7.75
73		MPN-03/08	14.00	16.00	2.00		1.60	87.95	6.14	2.36
74		MPN-03/09	16.00	18.00	2.00		4.68	66.76	15.59	7.27
75		MPN-03/10	18.00	20.00	2.00		1.50	86.66	6.09	3.24
76		MPN-03/11	20.00	22.00	2.00		0.69	93.80	2.97	1.41
77		MPN-03/12	22.00	24.00	2.00		1.57	82.83	6.37	5.40
78		MPN-03/13	24.00	26.00	2.00		6.75	58.81	21.18	5.90
79		MPN-03/14	26.00	28.00	2.00		7.22	55.23	22.91	6.44
80		MPN-03/15	28.00	30.00	2.00		1.56	83.78	5.69	3.33
81		MPN-03/16	30.00	32.00	2.00		2.77	78.79	9.04	2.73
82		MPN-03/17	32.00	34.00	2.00		3.44	79.34	9.46	2.52
83		MPN-03/18	34.00	36.00	2.00		4.02	71.46	11.57	5.90
84		MPN-03/19	36.00	38.00	2.00		5.16	68.57	16.02	4.78
85		MPN-03/20	38.00	39.20	1.20		8.33	49.53	26.62	6.56
86		MPN-03/21	39.20	42.00	2.80		4.55	68.80	14.80	6.18
87		MPN-03/22	42.00	44.00	2.00		4.44	78.82	10.06	3.82
88		MPN-03/23	44.00	46.00	2.00		4.30	75.06	12.56	4.25
89		MPN-03/24	46.00	48.00	2.00		4.43	77.86	11.38	3.19
90		MPN-03/25	48.00	50.00	2.00		5.82	72.94	15.72	2.20

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Sr No	BH No.	BH Sample No.	From (m)	To (m)	Thickness (m)	Zone K ₂ O%	K ₂ O%	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
91	MPN-04	MPN-04/01	0.00	2.00	2.00	6.11	0.60	86.89	4.66	5.66
92		MPN-04/02	2.00	4.00	2.00		2.51	75.46	10.56	7.00
93		MPN-04/03	4.00	6.00	2.00		6.68	53.84	20.92	10.97
94		MPN-04/04	6.00	8.00	2.00		6.92	59.76	21.72	4.65
95		MPN-04/05	8.00	10.00	2.00		6.82	60.01	20.87	5.48
96		MPN-04/06	10.00	12.00	2.00		5.94	54.65	20.33	10.67
97		MPN-04/07	12.00	14.00	2.00		5.78	53.81	20.71	11.08
98		MPN-04/08	14.00	16.00	2.00		5.77	51.45	20.76	12.02
99		MPN-04/09	16.00	18.00	2.00		5.31	59.19	18.32	7.25
100		MPN-04/10	18.00	20.00	2.00		6.24	51.12	22.55	9.87
101		MPN-04/11	20.00	22.00	2.00		5.80	54.04	20.44	9.31
102		MPN-04/12	22.00	24.00	2.00		5.88	57.72	19.89	7.51
103		MPN-04/13	24.00	26.00	2.00		5.95	57.26	19.75	7.75
104		MPN-04/14	26.00	28.00	2.00		6.04	57.40	19.46	7.94
105		MPN-04/15	28.00	30.00	2.00		5.71	59.98	18.76	7.43
106		MPN-04/16	30.00	32.00	2.00		6.23	58.59	20.21	7.48
107		MPN-04/17	32.00	34.00	2.00		5.49	61.76	18.74	7.14
108		MPN-04/18	34.00	36.00	2.00		6.43	53.91	22.22	8.55
109		MPN-04/19	36.00	38.00	2.00		6.85	52.00	23.25	8.40
110		MPN-04/20	38.00	40.00	2.00	5.32	3.21	78.99	9.85	3.73
111		MPN-04/21	40.00	42.00	2.00		6.79	63.72	19.40	4.88
112		MPN-04/22	42.00	44.00	2.00		5.00	74.13	12.57	4.33
113		MPN-04/23	44.00	46.00	2.00		4.87	77.95	11.64	3.05
114		MPN-04/24	46.00	48.00	2.00		5.09	75.98	11.86	4.21
115		MPN-04/25	48.00	50.00	2.00		4.86	76.85	11.31	3.81
116	MPN-05	MPN-05/01	0.00	2.00	2.00		0.36	93.39	1.93	3.28
117		MPN-05/02	2.00	4.00	2.00		0.46	92.11	2.60	3.55
118		MPN-05/03	4.00	6.00	2.00		2.43	83.63	7.24	4.42
119		MPN-05/04	6.00	8.00	2.00	6.03	5.94	53.17	20.75	11.81
120		MPN-05/05	8.00	10.00	2.00		6.77	51.34	22.70	9.73
121		MPN-05/06	10.00	12.00	2.00		5.18	63.94	17.93	6.86
122		MPN-05/07	12.00	14.00	2.00		5.41	54.62	19.59	12.32
123		MPN-05/08	14.00	16.00	2.00		6.32	51.92	22.65	10.02
124		MPN-05/09	16.00	18.00	2.00		6.28	51.28	22.40	10.04
125		MPN-05/10	18.00	20.00	2.00		6.35	51.42	23.06	9.38
126		MPN-05/11	20.00	22.00	2.00		5.90	52.25	22.15	10.18
127		MPN-05/12	22.00	24.00	2.00		5.33	60.00	19.00	7.14
128		MPN-05/13	24.00	26.00	2.00		6.42	56.13	21.20	7.93
129		MPN-05/14	26.00	28.00	2.00		6.45	57.70	20.39	7.44
130		MPN-05/15	28.00	30.00	2.00		3.21	74.67	11.61	4.50
131		MPN-05/16	30.00	32.00	2.00		3.10	74.91	11.70	4.75
132		MPN-05/17	32.00	34.00	2.00	5.65	5.56	54.41	20.60	9.96
133		MPN-05/18	34.00	36.00	2.00		7.51	55.90	23.05	5.74
134		MPN-05/19	36.00	38.00	2.00		4.81	66.05	16.10	5.52
135		MPN-05/20	38.00	40.00	2.00		6.74	59.72	20.75	6.08
136		MPN-05/21	40.00	42.00	2.00		4.53	76.07	12.74	3.35
137		MPN-05/22	42.00	44.00	2.00		4.77	72.55	13.35	4.48
138		MPN-05/23	44.00	46.00	2.00		3.78	80.08	10.17	2.92
139		MPN-05/24	46.00	48.00	2.00		3.85	76.27	9.89	6.13
140		MPN-05/25	48.00	50.00	2.00	4.13	4.13	77.38	11.19	4.80