

Particulars of Primary Analysis (Analysed for 4 radicals- K₂O%, SiO₂%, Al₂O₃%, Fe₂O₃%) of

Borehole core samples in Deulha Block

Tehsil- Majhgawan, District - Satna , Madhya Pradesh

Borehole No.	Sender No.	From (m)	To (m)	Thickness (m)	K ₂ O %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
BH.No.MLDH-01								
MDLH-01	MDLH01/01	22.00	23.00	1.00	8.25	51.14	15.47	11.28
MDLH-01	MDLH01/02	23.00	24.00	1.00	8.35	49.66	14.41	12.48
MDLH-01	MDLH01/03	24.00	25.00	1.00	8.07	50.20	14.02	13.49
MDLH-01	MDLH01/04	25.00	26.00	1.00	8.13	49.61	14.14	12.80
MDLH-01	MDLH01/05	26.00	27.00	1.00	8.06	49.28	14.07	14.62
MDLH-01	MDLH01/06	27.00	28.00	1.00	8.12	51.85	13.97	12.66
MDLH-01	MDLH01/07	28.00	29.00	1.00	8.15	52.02	13.99	12.73
MDLH-01	MDLH01/08	29.00	30.00	1.00	7.67	49.21	13.80	14.21
MDLH-01	MDLH01/09	30.00	31.00	1.00	7.79	49.50	14.27	12.13
MDLH-01	MDLH01/10	31.00	32.00	1.00	7.78	51.74	13.76	10.86
MDLH-01	MDLH01/11	32.00	33.00	1.00	6.41	51.97	12.66	12.84
MDLH-01	MDLH01/12	33.00	34.00	1.00	6.80	49.45	13.63	13.41
MDLH-01	MDLH01/13	34.00	35.00	1.00	6.55	47.41	13.45	15.36
MDLH-01	MDLH01/14	35.00	36.00	1.00	6.01	51.14	13.31	15.28
MDLH-01	MDLH01/15	36.00	37.00	1.00	5.98	47.11	13.58	16.93
MDLH-01	MDLH01/16	37.00	38.00	1.00	6.68	48.93	14.75	15.52
MDLH-01	MDLH01/17	38.00	39.00	1.00	6.71	49.25	14.36	14.88
MDLH-01	MDLH01/18	39.00	40.00	1.00	6.17	48.50	13.91	16.23
MDLH-01	MDLH01/19	40.00	41.00	1.00	5.95	45.42	14.01	18.00
MDLH-01	MDLH01/20	41.00	42.00	1.00	6.29	48.82	14.00	15.60
MDLH-01	MDLH01/21	42.00	43.00	1.00	6.85	47.25	15.04	15.52
MDLH-01	MDLH01/22	43.00	44.00	1.00	6.69	46.79	15.39	16.32
MDLH-01	MDLH01/23	44.00	45.00	1.00	6.73	46.80	15.69	14.89
MDLH-01	MDLH01/24	45.00	46.00	1.00	6.82	49.43	15.05	12.67
TOTAL SAMPLES PER BH		24.00						

Borehole No.	Sender No.	From (m)	To (m)	Thickness (m)	K ₂ O %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
BH.No.MLDH-02								
MDLH-02	MDLH02/01	16.60	17.40	0.80	7.34	51.98	13.44	11.71
MDLH-02	MDLH02/02	17.40	18.20	0.80	7.88	50.47	14.52	13.18
MDLH-02	MDLH02/03	18.20	19.00	0.80	7.72	50.56	14.45	13.21
MDLH-02	MDLH02/04	19.00	20.00	1.00	7.67	51.42	13.90	12.84
MDLH-02	MDLH02/05	20.00	21.00	1.00	7.41	52.34	13.38	13.34
MDLH-02	MDLH02/06	21.00	22.00	1.00	7.13	48.63	12.39	18.64
MDLH-02	MDLH02/07	22.00	23.00	1.00	6.66	49.54	12.90	19.35
MDLH-02	MDLH02/08	23.00	24.00	1.00	7.75	51.74	14.13	13.43
MDLH-02	MDLH02/09	24.00	25.00	1.00	8.50	52.70	14.92	8.62
MDLH-02	MDLH02/10	25.00	26.00	1.00	7.60	51.23	13.81	10.69
MDLH-02	MDLH02/11	26.00	27.00	1.00	7.20	51.09	13.64	11.46
MDLH-02	MDLH02/12	27.00	28.00	1.00	6.98	51.19	13.90	12.44
MDLH-02	MDLH02/13	28.00	29.00	1.00	6.19	51.14	13.32	14.05
MDLH-02	MDLH02/14	29.00	30.00	1.00	5.81	50.00	13.54	15.08
MDLH-02	MDLH02/15	30.00	31.00	1.00	5.66	48.61	13.72	16.18
MDLH-02	MDLH02/16	31.00	32.00	1.00	6.00	46.59	14.03	16.54
MDLH-02	MDLH02/17	32.00	33.00	1.00	6.40	48.30	14.52	15.50
MDLH-02	MDLH02/18	33.00	34.00	1.00	6.17	48.08	14.60	15.87
MDLH-02	MDLH02/19	34.00	35.00	1.00	5.21	52.49	12.89	14.53
MDLH-02	MDLH02/20	35.00	36.00	1.00	6.02	48.23	14.67	14.61
MDLH-02	MDLH02/21	36.00	36.70	0.70	6.69	47.32	15.51	13.85
MDLH-02	MDLH02/22	36.70	37.30	0.60	7.43	53.38	15.09	10.62
MDLH-02	MDLH02/23	37.30	38.00	0.70	5.40	61.71	11.63	8.34
TOTAL SAMPLES PER BH	23.00							

Borehole No.	Sender No.	From (m)	To (m)	Thickness (m)	K ₂ O %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
BH.No.MLDH-03								
MDLH-03	MDLH03/01	5.00	6.00	1.00	5.51	62.31	14.52	8.16
MDLH-03	MDLH03/02	6.00	7.00	1.00	5.23	46.02	14.36	8.81
MDLH-03	MDLH03/03	7.00	8.00	1.00	3.81	72.86	7.90	7.94
MDLH-03	MDLH03/04	8.00	9.00	1.00	4.73	48.77	13.02	7.47
MDLH-03	MDLH03/05	9.00	10.00	1.00	5.57	52.95	15.10	6.66
MDLH-03	MDLH03/06	31.50	32.35	0.85	3.52	34.51	7.56	8.37
MDLH-03	MDLH03/07	32.35	33.20	0.85	7.69	52.10	13.99	13.37
MDLH-03	MDLH03/08	33.20	34.00	0.80	7.31	50.48	13.99	15.62
MDLH-03	MDLH03/09	34.00	35.00	1.00	7.52	49.85	13.99	15.80
MDLH-03	MDLH03/10	35.00	36.00	1.00	7.14	48.41	13.99	18.27
MDLH-03	MDLH03/11	36.00	37.00	1.00	8.03	52.11	13.99	12.20
MDLH-03	MDLH03/12	37.00	38.00	1.00	7.82	53.17	13.99	11.68
MDLH-03	MDLH03/13	38.00	39.00	1.00	7.28	51.54	13.99	12.31
MDLH-03	MDLH03/14	39.00	40.00	1.00	5.97	50.82	13.99	14.50
MDLH-03	MDLH03/15	40.00	41.00	1.00	5.60	48.76	13.99	15.53
MDLH-03	MDLH03/16	41.00	42.00	1.00	6.17	49.12	13.99	14.36
MDLH-03	MDLH03/17	42.00	43.00	1.00	5.75	48.37	13.99	15.37
MDLH-03	MDLH03/18	43.00	44.00	1.00	5.79	50.58	13.99	14.50
MDLH-03	MDLH03/19	44.00	45.00	1.00	5.68	50.68	13.99	15.24
MDLH-03	MDLH03/20	45.00	46.00	1.00	5.49	48.41	13.99	16.34
MDLH-03	MDLH03/21	46.00	47.00	1.00	5.73	49.05	13.99	15.88
MDLH-03	MDLH03/22	47.00	48.00	1.00	6.19	46.66	13.99	17.01
MDLH-03	MDLH03/23	48.00	49.00	1.00	6.13	44.52	13.99	17.02
MDLH-03	MDLH03/24	49.00	50.00	1.00	5.60	51.94	13.99	14.73
MDLH-03	MDLH03/25	50.00	51.00	1.00	4.57	55.43	13.99	14.24
MDLH-03	MDLH03/26	51.00	52.00	1.00	7.21	47.76	13.99	13.38
MDLH-03	MDLH03/27	52.00	52.60	0.60	4.45	59.98	13.99	11.54
MDLH-03	MDLH03/28	52.60	53.60	1.00	5.97	59.87	13.99	9.29
TOTAL SAMPLES PER BH		28.00						

Borehole No.	Sender No.	From (m)	To (m)	Thickness (m)	K ₂ O %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
BH.No.MLDH-04								
MDLH-04	MDLH04/01	4.00	5.00	1.00	6.34	54.50	17.65	8.33
MDLH-04	MDLH04/02	5.00	6.00	1.00	5.59	57.21	15.40	7.69
MDLH-04	MDLH04/03	6.00	7.00	1.00	5.78	50.36	16.42	7.69
MDLH-04	MDLH04/04	7.00	8.00	1.00	6.21	52.76	17.04	7.59
MDLH-04	MDLH04/05	21.00	22.00	1.00	6.87	51.30	13.41	12.92
MDLH-04	MDLH04/06	22.00	23.00	1.00	6.03	48.19	12.93	16.62
MDLH-04	MDLH04/07	23.00	24.00	1.00	7.65	50.26	13.86	14.21
MDLH-04	MDLH04/08	24.00	25.00	1.00	7.76	50.37	13.93	14.90
MDLH-04	MDLH04/09	25.00	26.00	1.00	7.72	51.54	13.65	12.11
MDLH-04	MDLH04/10	26.00	27.00	1.00	7.95	50.57	14.55	10.45
MDLH-04	MDLH04/11	27.00	28.00	1.00	7.06	51.53	14.05	12.25
MDLH-04	MDLH04/12	28.00	29.00	1.00	5.95	47.49	14.36	16.66
MDLH-04	MDLH04/13	29.00	30.00	1.00	5.53	48.34	13.75	16.80
MDLH-04	MDLH04/14	30.00	31.00	1.00	5.31	47.94	13.80	17.02
MDLH-04	MDLH04/15	31.00	32.00	1.00	5.49	50.39	13.18	14.75
MDLH-04	MDLH04/16	32.00	33.00	1.00	5.45	47.41	13.76	16.27
MDLH-04	MDLH04/17	33.00	34.00	1.00	5.34	48.93	13.30	15.96
MDLH-04	MDLH04/18	34.00	35.00	1.00	5.41	52.38	12.95	14.62
MDLH-04	MDLH04/19	35.00	36.00	1.00	5.11	50.40	12.88	16.12
MDLH-04	MDLH04/20	36.00	37.00	1.00	5.67	47.61	14.13	16.81
MDLH-04	MDLH04/21	37.00	38.00	1.00	5.86	44.03	15.04	18.43
MDLH-04	MDLH04/22	38.00	39.00	1.00	5.34	47.34	14.01	17.24
MDLH-04	MDLH04/23	39.00	40.00	1.00	6.16	48.12	14.65	15.96
MDLH-04	MDLH04/24	40.00	41.00	1.00	5.95	53.19	14.13	13.06
MDLH-04	MDLH04/25	41.00	41.50	0.50	5.16	51.78	13.58	15.01
TOTAL SAMPLES PER BH		25.00						

Borehole No.	Sender No.	From (m)	To (m)	Thickness (m)	K ₂ O %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
BH.No.MLDH-05								
MDLH-05	MDLH05/01	7.00	8.00	1.00	6.21	56.37	16.31	8.58
MDLH-05	MDLH05/02	8.00	9.00	1.00	6.02	52.23	16.42	9.65
MDLH-05	MDLH05/03	9.00	10.00	1.00	4.74	41.92	13.67	8.33
MDLH-05	MDLH05/04	10.00	11.00	1.00	3.38	38.87	9.04	10.00
MDLH-05	MDLH05/05	11.00	12.00	1.00	5.25	53.00	14.52	7.30
MDLH-05	MDLH05/06	30.00	31.00	1.00	8.60	49.65	14.69	10.97
MDLH-05	MDLH05/07	31.00	32.00	1.00	8.59	50.82	14.78	11.58
MDLH-05	MDLH05/08	32.00	33.00	1.00	7.45	48.86	13.99	15.18
MDLH-05	MDLH05/09	33.00	34.00	1.00	8.09	48.01	14.39	12.08
MDLH-05	MDLH05/10	34.00	35.00	1.00	8.13	48.48	14.29	12.43
MDLH-05	MDLH05/11	35.00	36.00	1.00	7.81	49.49	13.84	12.13
MDLH-05	MDLH05/12	36.00	37.00	1.00	8.02	51.42	14.34	12.68
MDLH-05	MDLH05/13	37.00	38.00	1.00	8.27	48.47	14.38	12.09
MDLH-05	MDLH05/14	38.00	39.00	1.00	7.78	47.09	14.40	15.16
MDLH-05	MDLH05/15	39.00	40.00	1.00	7.24	50.65	13.26	10.87
MDLH-05	MDLH05/16	40.00	41.00	1.00	7.54	47.87	14.28	12.13
MDLH-05	MDLH05/17	41.00	42.00	1.00	7.64	50.16	14.55	11.62
MDLH-05	MDLH05/18	42.00	43.00	1.00	6.41	50.01	12.63	12.34
MDLH-05	MDLH05/19	43.00	44.00	1.00	6.78	47.82	14.12	14.09
MDLH-05	MDLH05/20	44.00	45.00	1.00	6.57	49.82	13.56	13.10
MDLH-05	MDLH05/21	45.00	46.00	1.00	6.33	48.00	13.53	14.71
MDLH-05	MDLH05/22	46.00	47.00	1.00	6.67	48.70	14.18	14.22
MDLH-05	MDLH05/23	47.00	48.00	1.00	6.90	47.28	15.11	15.29
MDLH-05	MDLH05/24	48.00	49.00	1.00	6.83	47.62	14.75	14.95
MDLH-05	MDLH05/25	49.00	50.00	1.00	8.84	51.10	16.24	9.33
MDLH-05	MDLH05/26	50.00	51.00	1.00	8.84	50.72	16.64	9.97
MDLH-05	MDLH05/27	51.00	52.00	1.00	8.38	49.93	16.69	9.57
MDLH-05	MDLH05/28	52.00	52.75	0.75	7.95	55.50	15.35	7.08
MDLH-05	MDLH05/29	52.75	53.50	0.75	7.11	52.68	14.10	8.26
TOTAL SAMPLES PER BH		29.00						

Borehole No.	Sender No.	From (m)	To (m)	Thickness (m)	K ₂ O %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
BH.No.MLDH-06								
MDLH-06	MDLH06/01	36.00	37.00	1.00	8.13	51.13	14.90	11.79
MDLH-06	MDLH06/02	37.00	38.00	1.00	7.74	49.58	14.23	14.99
MDLH-06	MDLH06/03	38.00	39.00	1.00	6.93	47.12	13.28	19.94
MDLH-06	MDLH06/04	39.00	40.00	1.00	7.52	52.04	13.86	14.21
MDLH-06	MDLH06/05	40.00	41.00	1.00	8.15	53.18	14.43	9.13
MDLH-06	MDLH06/06	41.00	42.00	1.00	7.00	48.89	13.55	13.26
MDLH-06	MDLH06/07	42.00	43.00	1.00	7.05	52.25	14.32	11.94
MDLH-06	MDLH06/08	43.00	44.00	1.00	6.04	50.84	13.60	14.66
MDLH-06	MDLH06/09	44.00	45.00	1.00	6.52	51.05	13.78	13.15
MDLH-06	MDLH06/10	45.00	46.00	1.00	6.03	47.74	13.25	15.88
MDLH-06	MDLH06/11	46.00	47.00	1.00	6.01	49.55	13.53	14.82
MDLH-06	MDLH06/12	47.00	48.00	1.00	5.80	51.42	13.42	14.83
MDLH-06	MDLH06/13	48.00	49.00	1.00	5.50	48.86	13.59	16.52
MDLH-06	MDLH06/14	49.00	50.00	1.00	5.05	49.42	13.28	16.19
MDLH-06	MDLH06/15	50.00	51.00	1.00	5.17	51.27	12.78	15.78
MDLH-06	MDLH06/16	51.00	52.00	1.00	5.09	48.23	13.41	17.38
MDLH-06	MDLH06/17	52.00	53.00	1.00	5.75	46.38	14.42	17.62
MDLH-06	MDLH06/18	53.00	54.00	1.00	5.85	45.49	14.94	17.23
MDLH-06	MDLH06/19	54.00	55.00	1.00	5.68	47.13	14.54	16.60
MDLH-06	MDLH06/20	55.00	56.00	1.00	4.95	49.46	13.65	15.28
MDLH-06	MDLH06/21	56.00	56.70	0.70	4.81	53.37	12.53	14.32
MDLH-06	MDLH06/22	56.70	57.50	0.80	5.51	51.35	13.48	13.63
TOTAL SAMPLES PER BH		22.00						

Borehole No.	Sender No.	From (m)	To (m)	Thickness (m)	K ₂ O %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
BH.No.MLDH-07								
MDLH-07	MDLH07/01	16.00	17.00	1.00	8.07	54.29	14.06	10.57
MDLH-07	MDLH07/02	17.00	18.00	1.00	7.47	50.66	14.09	13.93
MDLH-07	MDLH07/03	18.00	19.00	1.00	7.70	52.82	13.49	12.98
MDLH-07	MDLH07/04	19.00	20.00	1.00	7.70	51.12	13.39	12.51
MDLH-07	MDLH07/05	20.00	21.00	1.00	7.92	50.98	13.61	11.02
MDLH-07	MDLH07/06	21.00	22.00	1.00	8.42	53.47	14.26	10.14
MDLH-07	MDLH07/07	22.00	23.00	1.00	7.23	49.81	14.43	12.72
MDLH-07	MDLH07/08	23.00	24.00	1.00	6.26	45.66	14.64	16.11
MDLH-07	MDLH07/09	24.00	25.00	1.00	6.54	48.38	14.86	14.62
MDLH-07	MDLH07/10	25.00	26.00	1.00	6.97	49.93	14.57	13.06
MDLH-07	MDLH07/11	26.00	27.00	1.00	6.62	49.44	14.09	13.91
MDLH-07	MDLH07/12	27.00	28.00	1.00	6.24	54.59	12.77	12.60
MDLH-07	MDLH07/13	28.00	29.00	1.00	6.80	51.63	14.43	12.81
MDLH-07	MDLH07/14	29.00	30.00	1.00	6.47	48.38	14.71	15.12
MDLH-07	MDLH07/15	30.00	31.00	1.00	5.69	50.12	13.67	15.29
MDLH-07	MDLH07/16	31.00	32.00	1.00	5.49	47.76	14.16	16.67
MDLH-07	MDLH07/17	32.00	33.00	1.00	5.84	48.40	14.56	15.81
MDLH-07	MDLH07/18	33.00	34.00	1.00	5.76	49.91	14.58	14.79
MDLH-07	MDLH07/19	34.00	35.00	1.00	4.58	52.27	13.03	14.93
MDLH-07	MDLH07/20	35.00	36.00	1.00	5.11	50.59	13.90	15.18
MDLH-07	MDLH07/21	36.00	37.00	1.00	5.42	48.72	14.47	15.48
MDLH-07	MDLH07/22	37.00	38.00	1.00	5.29	53.75	13.67	13.26
MDLH-07	MDLH07/23	38.00	39.00	1.00	5.89	59.37	13.66	8.17
TOTAL SAMPLES PER BH	23.00							

Borehole No.	Sender No.	From (m)	To (m)	Thickness (m)	K ₂ O %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %
BH.No.MLDH-08								
MDLH-08	MDLH08/01	12.00	13.00	1.00	7.10	49.06	14.29	15.29
MDLH-08	MDLH08/02	13.00	14.00	1.00	7.52	50.12	13.90	15.31
MDLH-08	MDLH08/03	14.00	15.00	1.00	7.77	51.82	13.70	14.48
MDLH-08	MDLH08/04	15.00	16.00	1.00	7.89	50.36	13.76	13.40
MDLH-08	MDLH08/05	16.00	17.00	1.00	8.00	50.18	13.75	13.05
MDLH-08	MDLH08/06	17.00	18.00	1.00	8.12	49.84	13.72	12.82
MDLH-08	MDLH08/07	18.00	19.00	1.00	8.06	52.79	13.86	11.33
MDLH-08	MDLH08/08	19.00	20.00	1.00	7.62	52.88	13.69	11.29
MDLH-08	MDLH08/09	20.00	21.00	1.00	7.73	49.37	14.76	13.07
MDLH-08	MDLH08/10	21.00	22.00	1.00	6.70	48.22	14.00	15.51
MDLH-08	MDLH08/11	22.00	23.00	1.00	6.98	49.50	14.83	14.16
MDLH-08	MDLH08/12	23.00	24.00	1.00	7.09	52.00	13.82	10.92
MDLH-08	MDLH08/13	24.00	25.00	1.00	6.36	52.42	12.84	12.41
MDLH-08	MDLH08/14	25.00	26.00	1.00	6.29	50.08	13.52	14.27
MDLH-08	MDLH08/15	26.00	27.00	1.00	6.20	52.64	13.67	13.92
MDLH-08	MDLH08/16	27.00	28.00	1.00	5.32	54.37	12.64	14.07
MDLH-08	MDLH08/17	28.00	29.00	1.00	5.76	50.87	13.64	15.62
MDLH-08	MDLH08/18	29.00	30.00	1.00	6.58	46.23	15.36	16.56
MDLH-08	MDLH08/19	30.00	31.00	1.00	5.77	52.55	13.89	14.57
MDLH-08	MDLH08/20	31.00	32.00	1.00	4.92	54.06	13.05	14.61
MDLH-08	MDLH08/21	32.00	33.00	1.00	6.33	49.01	15.62	14.63
MDLH-08	MDLH08/22	33.00	34.00	1.00	4.83	56.00	12.12	13.57
MDLH-08	MDLH08/23	34.00	35.00	1.00	5.32	62.81	11.39	7.98
TOTAL SAMPLES PER BH		23.00						