

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

XRF Result of Trench Samples									
SAMPLE NO.	P ₂ O ₅ %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	CaO%	K ₂ O%	Na ₂ O%	MgO%	MnO%
RANDHA TRENCH NO -1									
RN/TR - 1/01	1.16	65.40	4.58	3.21	2.12	1.53	2.97	ND	0.03
RN/TR - 1/02	1.10	70.30	6.28	2.27	0.43	0.88	ND	0.94	0.00
RN/TR - 1/03	0.39	20.90	3.81	3.99	42.10	0.78	5.80	ND	0.00
RN/TR - 1/04	0.34	18.70	2.88	3.85	46.50	0.50	5.91	ND	0.02
RN/TR - 1/05	1.03	66.20	7.20	3.41	2.08	1.07	ND	1.10	0.01
RN/TR - 1/06	0.41	15.30	4.45	3.89	47.80	0.93	5.93	ND	0.01
RN/TR - 1/07	0.79	67.00	8.51	1.96	1.58	1.07	ND	1.20	0.02
RN/TR - 1/08	0.37	12.80	3.57	5.15	44.24	0.62	ND	ND	0.03
RN/TR - 1/09	0.73	59.10	13.10	5.62	0.59	1.30	ND	1.36	0.00
RN/TR - 1/10	0.42	10.90	3.92	3.37	53.00	0.84	ND	ND	0.01
RN/TR - 1/11	1.07	63.50	10.30	3.59	0.62	1.34	ND	1.40	0.01
RN/TR - 1/12	0.38	16.30	2.33	3.77	49.00	0.44	6.48	ND	0.00
RN/TR - 1/13	1.31	60.70	10.30	3.37	3.05	1.59	ND	1.37	0.01
RN/TR - 1/14	0.35	24.20	4.44	3.87	41.90	1.34	ND	ND	0.00
RANDHA TRENCH NO - 2									
RN/TR- 2/01	0.34	36.10	5.03	13.30	24.20	0.77	ND	2.43	0.01

e-mail: dgm-min@fagmil.nic.in

Phone number:

0291-2948276

fagmilrp@gmail.com

+918764788276

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

RN/TR-2/02	0.18	24.00	3.54	1.56	50.10	0.36	ND	2.53	0.01
RN/TR-2/03	0.56	49.50	6.32	17.50	5.21	0.98	ND	2.05	ND
RN/TR-2/04	0.15	16.90	3.31	5.56	52.50	0.46	ND	3.32	0.01
RN/TR-2/05	0.43	67.70	7.56	3.31	0.49	1.16	ND	1.50	ND
RN/TR-2/06	0.51	59.30	6.32	12.70	1.02	0.98	ND	1.42	0.01
RN/TR-2/07	0.39	51.70	6.33	6.31	14.00	1.04	ND	2.22	0.01
RN/TR-2/08	0.49	43.00	6.18	10.70	17.50	1.08	ND	2.86	0.01
RN/TR-2/09	0.52	67.10	7.86	3.21	0.57	1.38	ND	1.56	ND
RANDHA TRENCH NO - 3									
RN/TR-3/01	0.66	54.40	9.86	6.08	1.04	2.99	ND	3.82	0.09
RN/TR-3/02	0.65	58.50	9.05	3.93	1.14	2.41	ND	2.72	0.13
RN/TR-3/03	0.80	64.40	7.01	2.09	0.91	1.72	ND	1.93	0.13
RN/TR-3/04	0.61	62.00	8.25	2.24	0.79	2.12	ND	1.72	0.08
RN/TR-3/05	0.58	57.30	9.53	4.33	0.85	2.71	ND	2.62	0.07
RN/TR-3/06	0.63	59.20	8.59	3.92	0.77	2.56	ND	2.84	0.05
RN/TR-3/07	0.55	58.30	9.20	3.50	1.29	2.33	ND	3.05	0.02
RANDHA TRENCH NO-4									
RN-TR-4/01	0.46	45.10	4.75	2.45	27.60	0.36	ND	1.57	0.01
RN-TR-4/02	0.18	4.00	3.72	2.56	40.44	0.31	ND	2.64	0.01

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

RN-TR-4/03	0.50	58.60	4.06	1.34	16.40	0.32	ND	1.15	ND
RN-TR-4/04	0.57	58.50	6.06	3.74	11.60	0.49	ND	1.17	ND
RN-TR-4/05	0.42	37.40	4.47	2.17	35.40	0.48	ND	1.77	ND
RN-TR-4/06	0.39	36.00	4.58	2.55	36.70	0.35	ND	1.57	ND
RN-TR-4/07	0.25	14.90	3.85	3.45	45.03	0.32	ND	2.50	ND
RN-TR-4/08	0.22	17.70	4.74	2.91	53.70	0.39	ND	2.48	ND
RANDHA TRENCH NO -5									
RN/TR-5/01	0.41	51.70	6.92	6.61	14.40	0.73	ND	1.33	0.02
RN/TR-5/02	0.46	60.00	9.36	4.95	5.45	0.43	ND	0.85	0.01
RN/TR-5/03	0.39	54.10	8.36	3.17	14.30	0.53	ND	1.29	ND
RN/TR-5/04	0.33	50.60	8.23	2.68	18.30	0.49	ND		0.01
RN/TR-5/05	0.43	66.00	10.10	2.21	2.05	0.42	ND	0.92	ND
RN/TR-5/06	0.35	58.90	10.80	2.75	8.13	0.40	ND	1.03	0.00
RN/TR-5/07	0.31	56.80	9.40	2.27	12.00	0.38	ND	1.01	0.00
RN/TR-5/08	0.27	39.00	7.83	2.52	30.00	0.54	ND	1.86	0.01
RANDHA TRENCH NO -6									
RN/TR-6/01	0.47	68.20	9.08	1.74	1.09	0.88	ND	0.76	0.00
RN/TR-6/02	0.51	68.50	8.05	1.25	2.29	0.76	ND	0.90	0.00
RN/TR-6/03	0.28	34.40	7.88	1.93	34.60	0.77	ND	2.20	0.01

e-mail: dgm-min@fagmil.nic.in

Phone number:
0291-2948276

fagmilrp@gmail.com
+918764788276

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

RN/TR-6/04	0.48	67.30	7.04	0.99	4.88	0.62	ND	0.78	0.00
RN/TR-6/05	0.36	65.10	7.06	1.52	6.63	0.80	ND	0.87	ND
RN/TR-6/06	0.57	70.60	6.55	2.07	1.06	0.70	ND	0.88	0.00
RN/TR-6/07	0.42	73.20	5.38	1.24	0.87	0.51	ND	0.61	0.00
RN/TR-6/08	0.39	66.60	9.49	2.15	1.45	1.26	ND	0.88	ND
RANDHA TRENCH NO -7									
RN/TR-7/01	0.63	60.90	8.88	6.32	3.78	0.89	ND	0.90	0.00
RN/TR-7/02	0.63	67.60	7.83	2.45	2.09	0.80	ND	1.04	0.00
RN/TR-7/03	0.50	69.20	9.00	0.71	1.12	0.86	ND	0.81	ND
RANDHA TRENCH NO -8									
RN/TR-8/01	0.70	69.90	4.77	2.23	3.15	0.50	ND	ND	ND
RN/TR-8/02	0.81	67.10	6.54	1.95	4.08	0.77	ND	1.03	0.00
RN/TR-8/03	0.71	66.20	6.10	3.16	4.07	0.74	ND	1.19	0.00
RN/TR-8/04	0.77	66.30	7.02	4.17	2.17	0.70	ND	1.00	0.00
RN/TR-8/05	0.46	65.00	10.60	2.28	2.12	0.49	ND	0.94	0.00
RANDHA TRENCH NO -9									
RN/TR-9/01	0.55	75.30	1.55	2.20	2.55	0.00	ND	0.43	0.01
RN/TR-9/02	0.064 1	16.80	2.66	1.54	48.85	0.26	ND	3.49	0.01
RN/TR-9/03	0.17	31.30	7.47	2.32	37.70	0.31	ND	2.42	0.02

e-mail: dgm-min@fagmil.nic.in

Phone number:
0291-2948276

fagmilrp@gmail.com
+918764788276

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

RN/TR-9/04	0.24	27.60	7.91	5.84	34.90	1.24	ND	4.13	0.03
RN/TR-9/05	0.37	72.00	2.90	1.74	4.67	0.27	ND	0.60	0.00
RN/TR-9/06	0.90	68.90	5.52	2.71	2.83	0.61	ND	0.84	0.00
RN/TR-9/07	0.20	28.70	8.45	4.94	36.90	0.44	ND	2.40	0.02
RN/TR-9/08	0.25	36.50	6.28	1.48	34.90	0.27	ND	2.53	0.01
RN/TR-9/09	0.11	14.80	5.92	3.25	43.29	0.33	ND	3.09	0.02
RN/TR-9/10	0.092 1	5.30	3.73	2.18	51.24	0.38	ND	3.28	0.02
RANDHA TRENCH NO - 10									
RN/TR-10/01	0.99	63.70	5.73	3.82	6.34	0.52	ND	0.86	0.01
RN/TR-10/02	0.81	64.80	4.33	2.37	8.09	0.44	ND	1.47	0.03
RN/TR-10/03	0.58	58.10	7.20	2.02	12.70	0.54	ND	1.11	0.01
RN/TR-10/04	0.66	48.20	6.16	3.96	21.60	0.49	ND	1.28	0.01
RN/TR-10/05	0.97	58.80	6.92	3.29	10.40	0.46	ND	1.29	ND
RANDHA TRENCH NO - 11									
RN/TR-11/01	1.67	28.80	1.97	12.80	33.90	0.27	ND	1.81	0.91
RN/TR-11/02	0.79	35.50	3.56	4.84	34.70	0.45	ND	1.57	0.70
RN/TR-11/03	0.20	23.00	4.48	2.32	49.80	0.28	ND	2.21	0.05
RN/TR-11/04	1.38	9.00	3.72	2.24	49.53	0.35	ND	3.01	0.02
RN/TR-11/05	0.20	10.90	3.42	2.18	49.45	0.33	ND	2.67	0.09

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

RN/TR-11/06	0.25	37.80	7.27	3.36	30.30	0.74	ND	2.43	0.04
RANDHA TRENCH NO -13									
RN/TR-13/01	0.33	8.20	5.03	4.08	40.90	0.87	ND	22.50	0.41
RN/TR-13/02	0.18	11.10	3.63	2.28	50.00	0.41	ND	14.70	0.16
RN/TR-13/03	0.29	32.50	3.19	1.96	27.90	0.42	ND	16.00	0.13
RN/TR-13/04	0.23	25.60	3.84	1.76	38.70	0.53	ND	11.70	0.09
RN/TR-13/05	0.23	39.10	3.08	1.69	26.00	0.47	ND	11.80	ND
RN/TR-13/06	0.21	4.70	3.77	3.18	50.20	0.53	ND	19.40	0.19
RN/TR-13/07	0.15	13.40	5.66	3.79	43.05	1.10	ND	3.51	0.08
RANDHA TRENCH NO -14									
RN/TR-14/01	1.15	25.30	3.80	10.30	33.20	1.20	ND	6.07	ND
RN/TR-14/02	0.84	62.10	7.35	2.68	2.94	2.05	ND	1.63	ND
RN/TR-14/03	0.60	54.90	7.63	2.95	8.93	1.97	ND	2.03	ND
RN/TR-14/04	0.58	50.00	11.90	8.16	2.95	3.56	ND	4.58	ND
RN/TR-14/05	0.73	62.60	7.42	1.57	2.35	2.53	ND	1.25	ND
RN/TR-14/06	1.08	65.80	4.41	0.90	7.94	1.25	ND	0.93	0.02
RANDHA TRENCH NO -15									
RN/TR-15/01	1.17	15.00	2.19	3.06	47.24	0.39	ND	17.70	ND
RN/TR-15/02	0.37	59.70	13.40	2.26	0.69	3.19	ND	2.32	ND

e-mail: dgm-min@fagmil.nic.in

Phone number:
0291-2948276

fagmilrp@gmail.com
+918764788276

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

RN/TR-15/03	0.37	60.00	12.90	2.38	1.03	2.98	ND	2.34	ND
RN/TR-15/04	0.41	51.80	5.91	7.70	14.20	0.78	ND	1.47	ND
RN/TR-15/05	0.19	20.40	6.35	4.69	39.70	0.82	ND	9.10	ND
RN/TR-15/06	0.36	60.50	13.30	1.98	0.48	3.11	ND	2.11	ND
RN/TR-15/07	0.35	53.30	12.00	2.83	7.46	2.44	ND	2.94	ND
RN/TR-15/08	0.34	5.95	1.49	1.99	44.00	0.22	ND	33.70	0.00
RANDHA TRENCH NO -20									
RN/TR-20/01	0.36	21.50	4.51	4.60	41.90	1.06	5.28	2.64	0.21
RN/TR-20/02	0.62	15.06	59.90	0.46	0.075 7	ND	ND	16.90	ND
RN/TR-20/03	0.44	15.00	68.20	0.38	0.042 1	ND	ND	9.53	ND
RN/TR-20/04	0.40	43.20	10.20	5.81	11.90	2.79	3.65	3.69	0.16
RN/TR-20/05	0.39	41.60	10.60	7.35	10.50	2.94	3.73	4.73	0.17
RN/TR-20/06	0.27	31.30	9.06	5.14	25.50	1.97	ND	3.93	0.14
RN/TR-20/07	0.64	41.10	4.87	4.82	26.50	1.36	ND	ND	0.28
RN/TR-20/08	0.59	53.10	4.55	2.73	14.60	1.23	3.56	ND	ND
RN/TR-20/09	0.45	44.30	11.40	9.49	4.16	3.44	3.59	1.63	ND
RN/TR-20/10	0.45	37.40	7.18	5.20	22.40	1.68	4.37	ND	0.22
RANDHA TRENCH NO -21									
RN/TR-20/10	0.57	38.10	7.55	5.57	20.80	1.78	4.10	3.04	0.33

e-mail: dgm-min@fagmil.nic.in

Phone number:
0291-2948276

fagmilrp@gmail.com
+918764788276

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

RN/TR-21/02	0.44	33.30	7.60	7.64	23.00	1.81	4.37	3.39	ND
RN/TR-21/03	0.49	44.30	12.30	9.10	7.09	3.88	ND	ND	ND
RN/TR-21/04	0.36	34.40	7.85	7.04	25.70	2.12	ND	4.05	ND
RN/TR-21/05	0.59	44.90	4.29	2.85	13.60	1.12	3.69	9.42	ND
RN/TR-21/06	0.41	38.20	9.24	7.19	16.00	2.52	4.16	3.85	0.41
RN/TR-21/07	0.41	42.80	11.60	6.11	10.00	2.97	3.78	4.09	ND
RANDHA TRENCH NO -22									
RN/TR-22/01	0.44	38.20	8.58	6.47	17.70	2.16	4.95	3.20	0.34
RN/TR-22/02	0.40	39.90	9.19	4.77	17.50	1.95	4.87	3.26	0.23
RN/TR-22/03	0.41	42.90	10.40	7.03	11.00	2.73	3.52	3.87	0.27
RN/TR-22/04	0.30	23.50	7.98	4.74	19.80	1.75	4.40	15.90	0.27
RN/TR-22/05	0.45	47.40	7.80	3.59	14.20	1.91	4.88	1.80	0.24
RN/TR-22/06	0.40	44.00	12.10	7.82	5.76	3.26	3.57	4.88	0.17
RN/TR-22/07	0.42	47.10	11.00	6.96	5.65	3.14	3.25	4.34	0.16
RN/TR-22/08	0.51	41.30	7.11	5.74	18.40	1.78	3.86	3.16	0.20
RANDHA TRENCH NO -23									
RN/TR-23/01	0.48	42.00	5.58	4.25	21.40	1.66	4.96	1.56	0.39
RN/TR-23/02	0.38	36.30	8.73	6.05	20.40	1.97	4.32	3.45	0.14
RN/TR-23/03	0.53	41.40	4.12	2.40	11.90	0.97	3.65	15.61	0.27

e-mail: dgm-min@fagmil.nic.in

Phone number:
0291-2948276

fagmilrp@gmail.com
+918764788276

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

RN/TR-23/04	0.48	35.70	6.02	5.01	25.90	1.60	4.47	2.67	0.27
RN/TR-23/05	0.37	36.40	10.90	8.79	13.70	2.68	4.01	4.84	0.24
RN/TR-23/06	0.40	34.50	8.13	5.94	22.60	1.94	5.35	2.94	0.23
RN/TR-23/07	0.42	38.30	9.59	8.50	18.20	2.71	ND	4.02	0.24
RANDHA TRENCH NO -24									
RN/TR-24/01	0.46	22.70	4.07	5.10	45.70	0.82	ND	2.72	0.61
RN/TR-24/02	0.54	43.30	4.26	2.46	12.20	0.99	4.01	12.87	0.26
RN/TR-24/03	0.44	39.00	6.92	3.75	23.20	1.66	4.62	2.08	0.34
RN/TR-24/04	0.57	44.10	5.36	4.67	19.30	1.24	4.12	2.49	0.29
RN/TR-24/05	0.60	49.40	3.86	3.83	18.10	0.94	3.55	1.74	0.30
RN/TR-24/06	0.41	41.20	11.70	7.26	9.93	2.80	3.37	4.99	0.19
RN/TR-24/07	0.41	35.40	8.51	6.02	21.20	1.99	4.43	3.68	0.23
RANDHA TRENCH NO -25									
RN/TR-25/01	0.49	18.70	3.25	4.29	51.90	0.77	ND	2.17	0.57
RN/TR-25/02	0.43	19.60	5.72	4.46	47.30	1.32	ND	2.76	0.45
RN/TR-25/03	0.37	37.20	11.40	7.55	13.80	3.06	3.65	ND	0.16
RN/TR-25/04	0.39	44.70	11.40	5.73	9.13	2.63	3.98	3.91	0.15
RN/TR-25/05	0.42	37.60	10.30	6.87	16.20	2.69	3.85	ND	ND
RANDHA TRENCH NO -26									
RN/TR-26/01	0.29	15.30	4.42	3.06	28.80	0.91	4.44	22.53	0.43

e-mail: dgm-min@fagmil.nic.in

Phone number:
0291-2948276

fagmilrp@gmail.com
+918764788276

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

RN/TR-26/02	0.54	42.10	7.16	5.16	17.70	1.76	4.26	2.88	ND
RN/TR-26/03	0.38	19.20	6.47	6.85	43.60	1.40	ND	3.72	0.38
RN/TR-26/04	0.46	35.80	6.59	5.36	24.40	1.60	4.74	2.82	0.32
RN/TR-26/05	0.36	15.70	6.25	7.03	42.20	1.50	5.44	3.39	0.39
RN/TR-26/06	0.57	45.40	4.40	2.62	12.70	1.04	3.93	9.75	ND
RN/TR-26/07	0.54	42.40	4.06	2.68	12.90	1.05	3.54	13.45	0.29
RANDHA TRENCH NO -27									
RN/TR-27/01	0.65	40.80	3.61	3.43	15.10	1.17	ND	15.73	0.38
RN/TR-27/02	0.49	47.90	7.93	3.68	12.80	2.11	4.52	ND	0.27
RN/TR-27/03	0.46	43.40	8.16	5.11	14.80	2.07	4.97	ND	0.21
RN/TR-27/04	0.35	0.35	8.95	10.10	26.60	2.21	ND	4.45	0.17
RN/TR-27/05	0.28	24.80	8.03	6.39	20.40	1.67	ND	16.32	0.34
RN/TR-27/06	0.43	33.70	10.40	8.26	21.60	2.82	ND	ND	0.23
RN/TR-27/07	0.41	41.20	12.70	8.57	7.30	3.33	3.49	ND	0.34
RN/TR-27/08	0.43	43.40	8.10	5.10	8.34	1.96	3.79	7.70	0.24
RN/TR-27/09	0.42	38.70	9.59	8.38	14.10	2.35	4.04	4.25	0.14
RANDHA TRENCH NO -28									
RN/TR-28/01	0.48	17.00	5.49	7.72	45.70	1.07	ND	ND	0.86
RN/TR-28/02	0.41	36.10	6.92	5.85	23.30	1.70	4.61	2.63	0.46

e-mail: dgm-min@fagmil.nic.in

Phone number:
0291-2948276

fagmilrp@gmail.com
+918764788276

FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur - 342011, Rajasthan, India.

RN/TR-28/03	0.41	29.80	6.98	4.60	17.50	1.61	4.49	ND	0.16
RN/TR-28/04	0.53	49.20	5.69	3.20	15.10	1.54	5.23	1.22	0.34
RN/TR-28/05	0.43	38.00	7.50	5.71	20.90	1.90	4.54	2.64	0.24
RN/TR-28/06	0.48	47.10	7.04	4.55	14.30	1.82	4.40	2.17	0.24
RN/TR-28/07	0.44	47.60	9.06	5.33	10.00	2.20	4.08	3.03	0.34

*ND-Note detectable