

# FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

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

## XRF Analysis data of RBH-01 core samples

Sr. No.	XRF	Depth	SiO2	Al2O3	Na2O	K2O	Cl	TiO2	MnO	P2O5	Fe2O3	CaO
1	RBH-01/01	5.5 m	74.4	8.02	4.5	2.04	0.0368	ND	0.138	0.644	4.01	3.59
2	RBH-01/02	6.8 m	59.8	8.32	5.7	1.8	0.035	0.426	0.345	0.385	5.14	15.3
3	RBH-01/03	8.5 m	58.8	11.1	3.68	2.45	0.0403	ND	0.205	0.413	8.11	9.85
4	RBH-01/04	9.6 m	48.8	7.94	3.61	1.78	0.0393	0.334	0.121	0.622	32.6	1.23
5	RBH-01/05	10.5 m	47.9	5.99	ND	1.13	0.0313	ND	1.1	0.976	7.9	31.1
6	RBH-01/06	11.5 m	66.7	8.46	4.67	2.19	0.0339	0.355	0.154	0.586	9.74	4.54
7	RBH-01/07	13.0 m	61.4	15.1	ND	4.68	0.0814	0.742	0.063	0.474	10.8	1.14
8	RBH-01/08	14.0 m	62.6	13.1	3.2	3.61	0.0687	ND	0.047	0.619	9.66	1.47
9	RBH-01/09	15.0 m	64	10.5	4.43	2.63	0.0516	0.596	0.116	0.45	7.32	5.94
10	RBH-01/10	16.0 m	68.2	10.8	4.68	2.57	0.0501	0.546	0.138	0.518	5.92	3.26
11	RBH-01/11	17.0 m	58.9	12.8	ND	3.13	0.0587	0.697	0.234	0.447	9.34	4.88
12	RBH-01/12	18.0 m	51.4	11.9	ND	2.61	0.0621	0.779	0.419	0.443	10.6	15.8
13	RBH-01/13	19.0 m	65.6	8.11	4.53	2.17	0.0423	0.559	0.268	0.651	4.16	10.8
14	RBH-01/14	20.0 m	56.1	10.8	4.34	2.31	0.0484	0.641	3459	0.405	8.24	12.1
15	RBH-01/15	21.0 m	60.7	11.8	4.28	3.02	0.065	0.617	0.192	0.416	8.29	5.91
16	RBH-01/16	22.0 m	61	12.8	ND	3.79	0.0514	0.656	1284	0.442	9.19	6.24
17	RBH-01/17	23.0 m	68.3	8.14	4.88	2	0.0411	ND	0.167	0.613	6.31	6.34
18	RBH-01/18	24.0 m	78.2	7.69	3.75	2.03	0.0422	ND	0.157	0.659	3.47	1.5
19	RBH-01/19	25.0 m	72.8	10.1	5.35	2.19	0.0418	ND	0.102	0.556	4.24	1.67
20	RBH-01/20	26.0 m	67.9	11.1	4.72	2.55	0.0486	0.537	1915	0.494	6.38	2.55
21	RBH-01/21	27.0 m	61.7	15.7	ND	4.99	0.0702	0.779	0.0616	0.495	9.82	0.92
22	RBH-01/22	28.0 m	62.6	13.8	3.56	3.99	0.0508	ND	0.0874	0.498	8.6	1.25
23	RBH-01/23	29.0 m	49.6	9.45	4.49	2.15	0.0415	0.498	0.34	0.425	16.9	11.6
24	RBH-01/24	30.0 m	63.7	12.1	3.77	2.92	0.0535	0.576	0.0975	0.505	8.52	2.77
25	RBH-01/25	31.0 m	77.2	5.17	ND	0.96	0.0348	ND	0.129	0.651	7.23	5.42

e-mail: [dgm-min@fagmil.nic.in](mailto:dgm-min@fagmil.nic.in)  
[fagmilrp@gmail.com](mailto:fagmilrp@gmail.com)

Phone number: 0291-2948276  
+918764788276

# FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

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

26	RBH-01/26	32.5 m	57.1	12.9	3.64	3.6	0.0421	0.00052	0.193	0.413	9.43	6.33
27	RBH-01/27	34.0 m	60.2	13.5	3.73	3.65	0.0587	0.685	0.185	0.481	9.04	2.58
28	RBH-01/28	35.0 m	60.9	13.5	3.85	3.82	0.0439	0.00052	0.14	0.479	8.86	2.38
29	RBH-01/29	35.5 m	77	7.04	4.07	1.6	0.0324	0.00054	0.0987	0.67	3.5	3.74
30	RBH-01/30	37.0 m	54.3	12.8	4.2	3.45	0.0518	0.661	0.0291	0.382	9.27	8.61
31	RBH-01/31	38.0 m	62.2	13.8	3.57	3.99	0.0491	0.688	0.0671	0.496	9.27	0.74
32	RBH-01/32	39.0 m	60.5	13.4	3.89	3.58	0.0625	0.685	0.0926	0.512	10.2	0.79
33	RBH-01/33	39.5 m	54.5	6.4	3.80	3.03	0.056	0.720	0.83	0.462	8.3	4.13
34	RBH-01/34	40.0 m	57.6	9.71	5.08	2.27	0.0367	0.642	0.261	0.579	7.77	11.8
35	RBH-01/35	40.5 m	64	11.1	4.57	2.76	0.0019	0.54	1339	0.441	7.25	4.93
36	RBH-01/36	41.0 m	53.5	10.8	3.9	3.05	0.055	0.676	0.372	0.403	10.1	11.1
37	RBH-01/37	42.2 m	57.5	12	4.41	3.36	0.0383	0.00075	0.18	0.436	7.27	5.66
38	RBH-01/38	43.2 m	56.9	13	3.91	3.68	0.0432	0.609	0.146	0.404	7.41	5.35
39	RBH-01/39	44.2 m	62.3	7.82	5.65	1.83	0.0394	0.573	0.271	0.47	4.9	13.1
40	RBH-01/40	45.0 m	45.5	9.99	4.36	2.55	0.0429	0.5	0.436	0.587	10.2	17.5
41	RBH-01/41	45.5 m	62.3	13.1	3.69	3.76	0.00249	0.636	0.0943	0.484	8.36	1.96
42	RBH-01/42	46.0 m	47.8	7.66	4.29	1.86	0.0373	ND	0.389	0.592	9.89	18.5
43	RBH-01/43	46.5 m	51.1	10.8	4.16	2.96	0.0409	0.534	0.403	0.51	8.68	12.7
44	RBH-01/44	47.0 m	46	11	ND	2.62	0.0574	0.529	1.01	0.633	21.6	36.6
45	RBH-01/45	47.5 m	64.8	7.71	5.24	1.64	0.0393	0.405	0.206	0.467	4.98	9.96
46	RBH-01/46	48.0 m	56.1	10.2	3.53	2.38	0.0451	0.476	0.22	0.556	15.5	4.49
47	RBH-01/47	48.5 m	57.4	13.1	ND	3.38	0.0515	0.691	0.347	0.437	13.1	4.69
48	RBH-01/48	49.0 m	51.8	4.19	ND	1.12	0.0552	0.002	0.309	1.62	30.4	5.18
49	RBH-01/49	49.5 m	58.8	13.7	3.99	3.88	0.0474	0.734	0.155	0.328	11	4.01
50	RBH-01/50	50.0 m	70.5	6.99	5.42	1.48	0.043	0.411	0.134	0.641	3.89	8.56

# FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

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



## XRF Analysis data of RBH-02 core samples

Sr. No.	XRF	Depth	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O	K <sub>2</sub> O	Cl	TiO <sub>2</sub>	MnO	P <sub>2</sub> O <sub>5</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO
1	RBH-02/01	1 m	38.8	8.02	4.5	2.04	0.0244	0.841	0.463	0.377	4.89	45.1
2	RBH-02/02	5.3 m	63	8.32	5.7	1.8	0.0374	0.548	0.2243	0.43	5.07	11.6
3	RBH-02/03	5.6 m	59.9	11.1	3.68	2.45	0.0612	0.604	0.1483	0.463	7.97	7.38
4	RBH-02/04	6 m	59.4	7.94	3.61	1.78	0.0422	0.752	0.178	0.333	7.29	6.16
5	RBH-02/05	6.4 m	58.3	5.99	ND	1.13	0.0726	ND	0.2372	0.456	8.42	9.56
6	RBH-02/06	6.6 m	65.4	8.46	4.67	2.19	0.0499	0.546	0.1121	0.509	7.34	3.07
7	RBH-02/07	7.2 m	61.5	15.1	ND	4.68	0.0918	0.672	0.077	0.509	8.93	2.29
8	RBH-02/08	7.5 m	66.2	13.1	3.2	3.61	0.0738	0.517	0.0824	0.495	6.8	1.76
9	RBH-02/09	7.6 m	63.3	10.5	4.43	2.63	0.0478	0.627	0.0762	0.488	8.27	1.57
10	RBH-02/10	7.9 m	60.9	10.8	4.68	2.57	782	0.627	0.1414	0.453	8.75	4.05
11	RBH-02/11	8.2 m	51.8	12.8	ND	3.13	0.0697	0.564	0.2864	0.427	9.2	14.5
12	RBH-02/12	8.4 m	55.4	11.9	ND	2.61	0.0688	0.469	0.2506	0.478	7	17
13	RBH-02/13	8.5 m	48.7	8.11	4.53	2.17	0.0288	0.466	0.416	0.352	5.84	25
14	RBH-02/14	8.7 m	50.5	10.8	4.34	2.31	0.0678	0.525	0.2911	0.851	9.88	19.5
15	RBH-02/15	9.2 m	60.1	11.8	4.28	3.02	0.0462	0.644	0.1213	0.498	9.53	2.61
16	RBH-02/16	9.45 m	54.5	12.8	ND	3.79	0.0428	0.626	0.287	0.376	9.59	11
17	RBH-02/17	9.6 m	59.1	8.14	4.88	2	0.0492	0.6	0.204	0.416	8.41	7.51
18	RBH-02/18	10.7 m	31.9	7.69	3.75	2.03	0.0461	0.112	0.00018	0.62	17.1	43.2
19	RBH-02/19	11.7 m	58.9	10.1	5.35	2.19	0.0484	0.609	0.2033	0.388	7.78	8.25
20	RBH-02/20	12.7 m	61.8	11.1	4.72	2.55	0.0523	0.594	0.1546	0.432	8.58	5.78
21	RBH-02/21	13.7 m	65	15.7	ND	4.99	0.0497	0.661	0.1175	0.499	8.16	2.26
22	RBH-02/22	14 m	64.8	13.8	3.56	3.99	0.0471	0.797	0.183	0.426	8.15	4.6
23	RBH-02/23	15 m	65.1	9.45	4.49	2.15	0.0451	0.558	0.1849	0.447	6.54	5.74

e-mail: [dgm-min@fagmil.nic.in](mailto:dgm-min@fagmil.nic.in)  
[fagmilrp@gmail.com](mailto:fagmilrp@gmail.com)

Phone number: 0291-2948276  
+918764788276

# FCI Aravali Gypsum and Minerals India Ltd. (FAGMIL)

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

24	<b>RBH-02/24</b>	18 m	54.8	12.1	3.77	2.92	0.0492	0.739	0.359	0.359	8.65	10.6
25	<b>RBH-02/25</b>	20 m	51.3	5.17	ND	0.96	0.0557	0.72	0.521	0.347	11.1	12.4
26	<b>RBH-02/26</b>	21.2 m	66.9	12.9	3.64	3.6	0.0408	0.546	0.143	0.504	6.11	8.16
27	<b>RBH-02/27</b>	22.7 m	81.4	13.5	3.73	3.65	0.0407	0.566	0.0508	0.644	3.22	1.75
28	<b>RBH-02/28</b>	24.1 m	65.2	13.5	3.85	3.82	0.0458	0.669	0.1459	0.547	8.97	1.14
29	<b>RBH-02/29</b>	24.9 m	69.9	7.04	4.07	1.6	0.0423	0.347	0.134	0.561	7.21	2.63
30	<b>RBH-02/30</b>	26 m	63.9	12.8	4.2	3.45	0.0471	0.64	0.188	0.501	8.31	0.903
31	<b>RBH-02/31</b>	27 m	64	13.8	3.57	3.99	0.0428	0.593	0.0832	0.507	8.67	1.44
32	<b>RBH-02/32</b>	28 m	61.3	13.4	3.89	3.58	0.0442		0.125	0.463	8.57	4.67
33	<b>RBH-02/33</b>	29 m	56.5	6.4	3.80	3.03	0.0421	0.879	0.178	0.327	9.49	6.99
34	<b>RBH-02/34</b>	30.1 m	69.3	9.71	5.08	2.27	0.0429	0.642	0.0514	0.636	5.06	2.11
35	<b>RBH-02/35</b>	31.1 m	66.7	11.1	4.57	2.76	0.0625	0.636	0.0287	0.586	6.62	1.37
36	<b>RBH-02/36</b>	32.1 m	66.1	10.8	3.9	3.05	0.0521	0.886	0.0426	0.586	11.5	0.99
37	<b>RBH-02/37</b>	33.1 m	73.1	12	4.41	3.36	0.0418	0.464	0.0581	0.601	3.36	2.52
38	<b>RBH-02/38</b>	34.5 m	65.4	13	3.91	3.68	0.042	0.768	0.0314	0.42	7.99	1.43
39	<b>RBH-02/39</b>	36 m	64.4	7.82	5.65	1.83	0.0409	0.517	0.242	0.438	6.8	7.9
40	<b>RBH-02/40</b>	37 m	75.4	9.99	4.36	2.55	0.0398	0.41	0.0974	0.671	2.79	5.85
41	<b>RBH-02/41</b>	38 m	68.7	13.1	3.69	3.76	0.0329	0.33	0.239	0.471	7.93	13
42	<b>RBH-02/42</b>	40 m	46.9	7.66	4.29	1.86	0.0435	0.753	0.0345	0.531	12.6	5.23
43	<b>RBH-02/43</b>	42 m	69.1	10.8	4.16	2.96	0.0377	0.417	0.279	0.634	5.42	9.24
44	<b>RBH-02/44</b>	43 m	57.8	11	ND	2.62	0.052	0.939	0.228	0.416	10	3.74
45	<b>RBH-02/45</b>	44.3 m	59.9	7.71	5.24	1.64	0.0449	0.618	0.603	0.441	10.2	4.43
46	<b>RBH-02/46</b>	45.3 m	57.3	10.2	3.53	2.38	0.0501	0.689	0.149	0.438	9.47	7.3
47	<b>RBH-02/47</b>	46 m	72.2	13.1	ND	3.38	0.0371	0.508	0.0745	0.6	5.3	3.07
48	<b>RBH-02/48</b>	47 m	63.9	4.19	ND	1.12	0.0453	0.693	0.046	0.541	8.67	1.19
49	<b>RBH-02/49</b>	48.5 m	63.6	13.7	3.99	3.88	0.0456	0.628	0.0674	0.526	8.38	1.62
50	<b>RBH-02/50</b>	50 m	61.4	6.99	5.42	1.48	0.0476	0.685	0.0738	0.527	9.3	1.86