



RAJASTHAN STATE MINES & MINERALS LIMITED

(A Government of Rajasthan Enterprise)

SBU & PC LIGNITE, JAIPUR

Khanij Bhawan, Tilak Marg, C-Scheme, Jaipur-302005

Corporate Office: 4, Meera Marg, Udaipur-303001

Registered Office: C-89-90, Lal Kothi Scheme, Jaipur-302015

Ph. (0141)2227947,2227408,2227360 FAX- 0141-2227761 E-mail jaipur_rsmm@rajasthan.gov.in
CIN-U14109RJ1949SGC000505, Website: www.rsmm.com , GSTIN-08AAACR7857H1Z0

REGISTERED

Ref. No/RSMMS/SBU (L)/F.5/2021-22/ 633

Date 21.06.2021

To,
The Regional Director,
Central Ground Water Board,
Western Region, Jhalana Dungari,
JAIPUR-302004
e-mail- rdcgwa-cgwb@nic.in

Sub: Ground water monitoring report for Kasnau Matasukh Lignite Mines, Distt. Nagaur (Raj.).

Dear Sir,

In compliance of conditions stipulated in the Environmental Clearance vide letter No. J 11015/21/99/IA.II(M) dated 19th July, 2000 & Project Code- Raj-165/243/2000; please find enclosed herewith Ground water monitoring report for the period(s) QE-March' 20, QE-June' 20, QE-September' 20, QE-December' 20 and QE-March' 21, in respect of Kasnau Matasukh Lignite Mines, Distt. Nagaur (Rajasthan).

Thanking you,

Yours faithfully,

(Arun Singh)

Head & In-charge (Lignite)
& Project Proponent
Head & In-charge (Lignite)
Rajasthan State Mines & Minerals Ltd.
Khanij Bhawan, Tilak Marg
JAIPUR-302005

Encl : As above

Copy to: 1. Dy. General Manager (IT), Corporate Office, Udaipur to upload on RSMML website



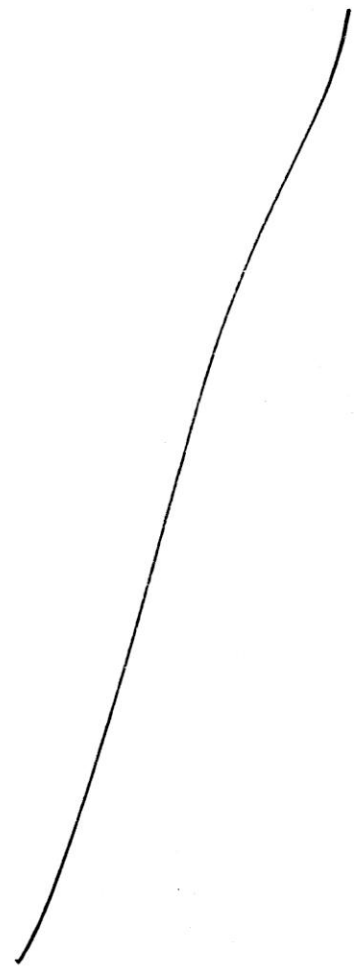
(Arun Singh)


Head & In-charge (Lignite)
& Project Proponent
(ARUN SINGH)
Head & In-Charge (Lignite)
Rajasthan State Mines & Minerals Ltd.
Khanij Bhawan, Tilak Marg
JAIPUR-302005

**Water Level Records of Piezometers for
Kasnau-Matasukh Lignite Mines, Nagaur**

Quarter-I (January 2021 – March 2021)

S. No.	Date of Measurement	Pz Nr. Kasnau Pit (mRL) N 27° 04' 55.0" E 74° 04' 09.5"		Pz Nr. Mines Office (mRL) N 27° 05' 39.9" E 74° 04' 11.1"	
		Depth to Water Level (m bgl)	mRL	Depth to Water Level (m bgl)	mRL
1	04.01.2021	62.83		55.69	
2	11.02.2021	62.98		55.73	
3	10.03.2021	63.00		56.30	




MINES MANAGER
Kasnau-Matasukh Lignite Mines
V.P.O.: -Farrod, Tehsil:-Jayal
Dist.: -Nagaur (Raj.) 341030



Rajasthan State Mines & Minerals Limited

(A Government of Rajasthan Enterprise)

S.B.U. LIME STONE

8, West Patel Nagar, Circuit House Road, Jodhpur- 342011

Phone: 0291 2511031/2516199 Fax: 0291 2511029 (e-mail: rsmmjodhpur@rsmm.com)

CENTRAL LABORATORY

An ISO 9001:2015 Certified Laboratory

REF.: F19 (8)/LIG - N/2020-21/ 2364 (3)

Date: 18.03.2021

Issued to:

Dy. General Manager (Mining)
Kasnau Matasukh Lignite Unit,
RSMML, Nagaur.

REF. - Nil

DATE - Nil

Sample Received On Date: 16.03.2021

SAMPLE PARTICULARS

Source & Location: - Sample of water collected from Mines Discharge Water from Kasnau Matasukh Lignite Mines on dated 25.01.2021

TEST RESULTS


(Analysed as per IS-10500: 2012)

S. No.	Properties	RSMM/4N/03-21/11969
1.	p ^H	8.10
2.	Temperature °C	32.3
3.	Alkalinity Phenolphthalein (CaCO ₃)	Nil
4.	Alkalinity Methyl Orange (CaCO ₃)	650
5.	Total Hardness	1480
6.	Calcium Hardness	580
7.	Magnesium Hardness	900
8.	Carbonate Hardness	650
9.	Non Carbonate Hardness	830
10.	Chlorides as Cl ⁻	4150
11.	Sulphate	1557
12.	Fluoride	-
13.	Total Dissolved Solids	8780

Note: All results except at Sr. No.1 & 2 are in mg/Lit.


(Dr. SHALENDRA SINGH YADAV)
Sr. Manager & Incharge (Lab)


Note: - Samples drawn by RSMML


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**Water Level Records of Piezometers for
Kasnau-Matasukh Lignite Mines, Nagaur**

Quarter-IV (October 2020 – December 2020)

S. No.	Date of Measurement	Pz Nr. Kasnau Pit (mRL) N 27° 04' 55.0" E 74° 04' 09.5"		Pz Nr. Mines Office (mRL) N 27° 05' 39.9" E 74° 04' 11.1"	
		Depth to Water Level (m bgl)	mRL	Depth to Water Level (m bgl)	mRL
1	16.10.2020	62.76		55.07	
2	11.11.2020	62.71		55.33	
3	03.12.2020	62.78		55.46	


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