1. STACK EMISSION MONITORING RESULTS
(For the month of June- 2014)

Sr. No.	Stacks Attached To	Particulate matter (mg/Nm^3)				Min. Value	Max. Value	Avg. Value
		Weekly						
		I	II	III	IV			
A	Glass Bag House	-	23.7	22.0	14.7	14.7	23.7	20.1
B	Cooler ESP	-	30.3	35.6	26.5	26.5	35.6	30.8
C	Cement Mill ESP	26.0	19.0	-	30.4	19.0	30.4	25.12
D	Coal Mill B/F	-	40.32	30.9	31.5	30.9	40.32	35.62
E	Main Crusher B/F	33.54	38.98	34.98	43.50	33.54	43.50	35.60

2. AMBIENT AIR QUALITY MONITORING RESULTS
2.(a) Monthly Average of PM2.5,PM10, SO2& NO2 of Manual Stations
for the Month of June- 2014

*Monitoring was not conducted at Kashlog village due to Villagers opposition.

S.No.	STATIONS	PARAMETERS										
		PM2.5 (µg/M^3)			PM10 (µg/M^3)			SO2 (µg/M^3)			NO2 (µg/M^3)		
		Min.	Max.	Average	Min.	Max.	Average	Min.	Max.	Average	Min.	Max.	Average
1	KHATA	18.64	42.44	31.47	55.93	78.85	68.55	4	7	5.4	11.40	22.40	17.35
2	DARLAGHAT	27.83	48.31	37.57	64.94	87.01	75.89	4	7	5.15	10	22	16.69
3	BAHAN	17.73	46.43	25.12	33.77	70.83	48.51	3	4.2	3.44	6.8	15	10.92
4	MINES DORMITORY	25.47	41.67	31.28	62.50	74.21	68.06	4	6.2	5.0	12	19.4	15.63
5	RATHOH	10.42	37.5	26.81	41.67	83.33	63.64	3	4	3.65	8.6	15	12
6	MANGOO	12.66	27.86	17.35	45.83	64.94	55.36	3	4	3.44	7.3	12	9.7
7	CHANDI*	15	37.99	26.19	31.03	55.66	44.63	3	4	3.3	6	8.5	7.49
8	PACHEUR	13.64	33.61	25.33	45.83	66.67	60.26	3	5	4.13	8	17.5	13.0
9	RAURI	17.39	47.37	31.27	56.52	84.21	71.46	3.5	6.2	5.0	13.5	22	17.44
10	BATEDH	15.00	45.83	30.55	55.00	78.26	67.88	3	6.4	4.25	15	17	16

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2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of June-2014

S.No.	STATIONS	Lead, $\mu g/m^3$	Nickel, ng/m^3	Arsenic ,ng/m^3	CO, mg/m^3
1	KHATA	N.D	N.D.	N.D.	1.3
2	DARLAGHAT	N.D.	N.D.	N.D.	1.3
3	BAHAN	N.D.	N.D.	N.D.	1.2
4	MINES DORMITORY	N.D.	N.D.	N.D.	1.1
5	RATHOH	N.D.	N.D.	N.D.	1.0
6	MANGOO	N.D.	N.D.	N.D.	1.0
7	CHANDI	N.D.	N.D.	N.D.	1.1
8	PACHEUR	N.D.	N.D.	N.D.	1.0
9	RAURI	N.D.	N.D.	N.D.	1.1
10	BATEDH	N.D.	N.D.	N.D.	1.1

3. WATER QUALITY ANALYSIS FOR GYANA KHAD
(For the Month of June-2014)

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.2	56.3	312	4.0
	2	7.6	62.1	372	3.7
	3	7.4	60.0	350	3.9
	4	7.5	58.0	345	4.1
SECOND FORTNIGHT	1	7.3	51.9	324	3.9
	2	7.9	68.3	360	3.4
	3	7.8	56.8	356	3.8
	4	7.6	54.0	356	4.0

Sampling Points

1. 500 mts. upstream of First Nallah before joining Gyana Khad.
2. 500 mts. upstream of Second Nallah before joining Gyana Khad.
3. V- Notch Installed In Gyana Khad (SE side of ML Area)
4. 500 mts. downstream from V- notch of Gyana Khad.

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4. SEWAGE WATER RECLAMATION PLANT
(Analysis Report – JUNE--2014)
(Monthly Average)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPJUNE-14 & PCB
		Min.	Max.	Avg.	
1.	pH	7.3	7.7	7.48	-
2.	BOD (5 Days at 20 Deg. C)	8	12	10	30 mg/Lit.
3.	Total Suspended Solids	12	14	13.25	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report-June-14

Station Name	Noise Level in dB(A)									
	1st Week		2nd Week		3rd Week		4th Week		Monthly Average	
	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Colony Area	49.4	40.2	50.0	43.5	48.2	41.2	49.1	40.2	49.2	41.3
Inside Cooperative Stores	58.1	44.9	56.5	50.1	59.9	45.7	55.6	51.0	57.5	47.9
Petrol Pump	59.9	55.2	57.7	50.4	55.4	50.2	60.2	53.1	58.3	52.2
Main Gate (Near CSO's Office)	61.9	55.4	64.8	56.4	62.2	57.5	62.9	57.5	63.0	56.7
Inside CCR	59.3	55.9	62.4	58.6	60.4	59.9	61.1	55.9	60.8	57.6
Inside Mines Office	51.7	42.3	53.2	43.1	52.2	41.4	53.2	40.6	52.6	41.9
Kashlog Village	49.9	41.3	51.4	40.4	50.4	40.9	52.4	42.2	51.0	41.2
Magazine Section	51.0	42.7	53.9	41.9	52.4	44.1	55.4	44.0	53.2	43.2
Mines Reclaimed Area	50.8	42.9	53.3	45.7	52.4	47.5	54.4	41.4	52.7	44.4
Rathoh Village	49.8	42.6	48.1	40.2	48.6	41.8	51.8	42.3	49.6	41.7

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