



HDD-272, Phase III - Near JP Chowk  
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

Name & Address Of The Customer		REPORT NO.	UES/TR/22-23/05367	
<b>To,</b> <b>SHRI BAJRANG POWER &amp; ISPAT LTD.</b> <b>VILL: TANDAWA &amp; KUNDRU,</b> <b>DHARSIWA -TILDA ROAD ,</b> <b>TEHSIL -TILDA, RAIPUR(C.G.)</b>		LAB REF NO.	UES/22-23/W/012068	
		DATE OF SAMPLING	10/11/2022	
		DATE OF RECEIPT	11/11/2022	
		DATE OF REPORT	15/11/2022	
		DATE OF ANALYSIS	START: 11/11/2022	END: 15/11/2022
		<b>SAMPLE DETAILS</b>		
SAMPLE TYPE	GROUND WATER			
ORDER /REFERENCE:	SBPIL/TILDA/ENV/2022-23/1404, DTD.22/10/2022			
CUSTOMER SAMPLE ID	NEAR BAIKHUNTH MAIN GATE			
PACKING OF SAMPLE	5 L X 1 NO. PVC CAN, 300 ml X 1 NO. GLASS BOTTLE		(SEALED)	
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
SAMPLING PROCEDURE	IS:3025(PART I):1987 RA 2003; APHA 22ND ED. 2012, 1060-B, 1-39			


## TEST REPORT

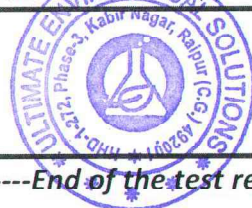
SR. NO.	PARAMETER	UNIT	METHOD OF TEST	STANDARD LIMIT (IS:10500:2012)	RESULT
1	pH	-	IS:3025(PART-11)	6.5 to 8.5	7.49
2	Turbidity	NTU	APHA 22 <sup>nd</sup> Ed.2012,2130-B,2-13	1.0 (max)	0.29
3	Total Dissolved Solids	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B, 3-18	500 (max)	143.0
4	Alkalinity Total (as CaCO <sub>3</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-AI-B, 3-61	200 (max)	64.0
5	Total Hardness ( as CaCO <sub>3</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3114-C, 3-38	200 (max)	92.0
6	Calcium (as Ca)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-Cr-B, 3-69	75 (max)	22.44
7	Magnesium (as Mg)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,4500-B-B, 4-25	30 (max)	8.75
8	Chloride (as Cl)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B,3-18	250 (max)	13.9
9	Sulphate (as SO <sub>4</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,4500-F-B & D, 4-84 & 87	200 (max)	11.8
10	Nitrate (NO <sub>3</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B, 3-18	45 (max)	5.35
11	Phosphate (as P)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,4500-P-C, 4-153	--	N.D.
12	Sodium (as Na)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-Na-B,3-97	--	6.3
13	Iron (as Fe)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B,3-18	0.3(max)	N.D.
14	Potassium (as K)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-K-B, 3-87	--	2.7

Note: mg/lit.: milligram per liter, N.D.: Not Detected.

### REMARKS: RESULTS ARE AS ABOVE

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only

  
15/11/2022  
PREPARED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS

  
AUTHORIZED SIGNATORY

-----End of the test report-----



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Name & Address Of The Customer

To,  
**SHRI BAJRANG POWER & ISPAT LTD.**  
**VILL: TANDAWA & KUNDRU,**  
**DHARSIWA -TILDA ROAD ,**  
**TEHSIL -TILDA, RAIPUR(C.G.)**

REPORT NO.	UES/TR/22-23/05368	
LAB REF NO.	UES/22-23/W/012069	
DATE OF SAMPLING	10/11/2022	
DATE OF RECEIPT	11/11/2022	
DATE OF REPORT	15/11/2022	
DATE OF ANALYSIS	START: 11/11/2022	END: 15/11/2022

SAMPLE DETAILS

SAMPLE TYPE	GROUND WATER	
ORDER /REFERENCE:	SBPIL/TILDA/ENV/2022-23/1404, DTD.22/10/2022	
CUSTOMER SAMPLE ID	NEAR PIPE PLANT/WEIGH BRIDGE	
PACKING OF SAMPLE	5 L X 1 NO. PVC CAN, 300 ml X 1 NO. GLASS BOTTLE	(SEALED)
SAMPLE COLLECTED BY	LABORATORY CHEMIST	
SAMPLING PROCEDURE	IS:3025(PART I):1987 RA 2003; APHA 22ND ED. 2012, 1060-B, 1-39	

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	STANDARD LIMIT (IS:10500:2012)	RESULT
1	pH	-	IS:3025(PART-11)	6.5 to 8.5	7.48
2	Turbidity	NTU	APHA 22 <sup>nd</sup> Ed.2012,2130-B,2-13	1.0 (max)	0.28
3	Total Dissolved Solids	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B, 3-18	500 (max)	141.0
4	Alkalinity Total (as CaCO <sub>3</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-AI-B, 3-61	200 (max)	56.0
5	Total Hardness ( as CaCO <sub>3</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3114-C, 3-38	200 (max)	90.0
6	Calcium (as Ca)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-Cr-B, 3-69	75 (max)	18.44
7	Magnesium (as Mg)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,4500-B-B, 4-25	30 (max)	10.7
8	Chloride (as Cl)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B,3-18	250 (max)	12.9
9	Sulphate (as SO <sub>4</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,4500-F-B & D, 4-84 & 87	200 (max)	11.6
10	Nitrate (NO <sub>3</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B, 3-18	45 (max)	5.3
11	Phosphate (as P)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,4500-P-C, 4-153	--	N.D.
12	Sodium (as Na)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-Na-B,3-97	--	6.2
13	Iron (as Fe)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B,3-18	0.3(max)	N.D.
14	Potassium (as K)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-K-B, 3-87	--	2.6

Note: mg/lit.: milligram per liter, N.D.: Not Detected.

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*Belle*  
15/11/2022  
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For ULTIMATE ENVIROLYTICAL SOLUTIONS

*Randh*  
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-----End of the test report-----



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Name & Address Of The Customer		REPORT NO.	UES/TR/22-23/05369	
<b>To,</b> <b>SHRI BAJRANG POWER &amp; ISPAT LTD.</b> <b>VILL: TANDAWA &amp; KUNDRU,</b> <b>DHARSIWA -TILDA ROAD ,</b> <b>TEHSIL -TILDA, RAIPUR(C.G.)</b>		LAB REF NO.	UES/22-23/W/012070	
		DATE OF SAMPLING	10/11/2022	
		DATE OF RECEIPT	11/11/2022	
		DATE OF REPORT	15/11/2022	
		DATE OF ANALYSIS	START: 11/11/2022	END: 15/11/2022
		<b>SAMPLE DETAILS</b>		
SAMPLE TYPE	GROUND WATER			
ORDER /REFERENCE:	SBPIL/TILDA/ENV/2022-23/1404, DTD.22/10/2022			
CUSTOMER SAMPLE ID	NEAR DM PLANT			
PACKING OF SAMPLE	5 L X 1 NO. PVC CAN, 300 ml X 1 NO. GLASS BOTTLE		(SEALED)	
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
SAMPLING PROCEDURE	IS:3025(PART I):1987 RA 2003; APHA 22ND ED. 2012, 1060-B, 1-39			

## TEST REPORT

S.R. NO.	PARAMETER	UNIT	METHOD OF TEST	STANDARD LIMIT (IS:10500:2012)	RESULT
1	pH	-	IS:3025(PART-11)	6.5 to 8.5	7.47
2	Turbidity	NTU	APHA 22 <sup>nd</sup> Ed.2012,2130-B,2-13	1.0 (max)	0.29
3	Total Dissolved Solids	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B, 3-18	500 (max)	142.0
4	Alkalinity Total (as CaCO <sub>3</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-AI-B, 3-61	200 (max)	58.0
5	Total Hardness ( as CaCO <sub>3</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3114-C, 3-38	200 (max)	92.0
6	Calcium (as Ca)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-Cr-B, 3-69	75 (max)	19.24
7	Magnesium (as Mg)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,4500-B-B, 4-25	30 (max)	10.69
8	Chloride (as Cl)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B,3-18	250 (max)	13.9
9	Sulphate (as SO <sub>4</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,4500 F-B &D, 4-84 & 87	200 (max)	11.68
10	Nitrate (NO <sub>3</sub> )	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B, 3-18	45 (max)	5.29
11	Phosphate (as P)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,4500-P-C, 4-153	--	N.D.
12	Sodium (as Na)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-Na-B,3-97	--	6.28
13	Iron (as Fe)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3111-B,3-18	0.3(max)	N.D.
14	Potassium (as K)	mg/l	APHA 22 <sup>nd</sup> Ed.2012,3500-K-B, 3-87	--	2.56

Note: mg/lit.: milligram per liter, N.D.: Not Detected.

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 15/11/2022 <b>PREPARED BY</b>	 <b>ULTIMATE ENVIROLYTICAL SOLUTIONS</b> HDD-272, Phase 3, Kabir Nagar, Raipur (C.G.) - 492099	For <b>ULTIMATE ENVIROLYTICAL SOLUTIONS</b>  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----