

ANNEXURE G

COPY OF LATEST GROUND WATER REPORT

MOEF letter No:- J-11011/231/2009-IA II(I) Dated 8th June 2009



Royal

Environment Auditing & Consultancy Service

303-304, Shivalik-7, B/s. Bal Adalat, Gondal Road, RAJKOT - 360 002.

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TEST REPORT WATER

Test Report No : 713/04/2017-18

Date : 06/05/2017

Work Order No : ----

Job Card No : Gallant/17-18/042

Name of company : Gallant Metal Limited

Survey No. 175/1, Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutchh.

Attention : Mr. Manoj Rastogi

Date of Sample Receipt : 29/04/2017

Date & Time of Sampling : 29/04/2017 .10.00 AM

Lab ID : W/17-18/04/134

Date of Testing : 29th April to 04th May 2017

Sample Type : Water

Description of Sample Packing : Plastic Bottle

Type of Sampling : Grab

Quantity of Sample : 1.0 Ltr.

Description : Ground Water

Sample Collected by : Mukesh Rathod

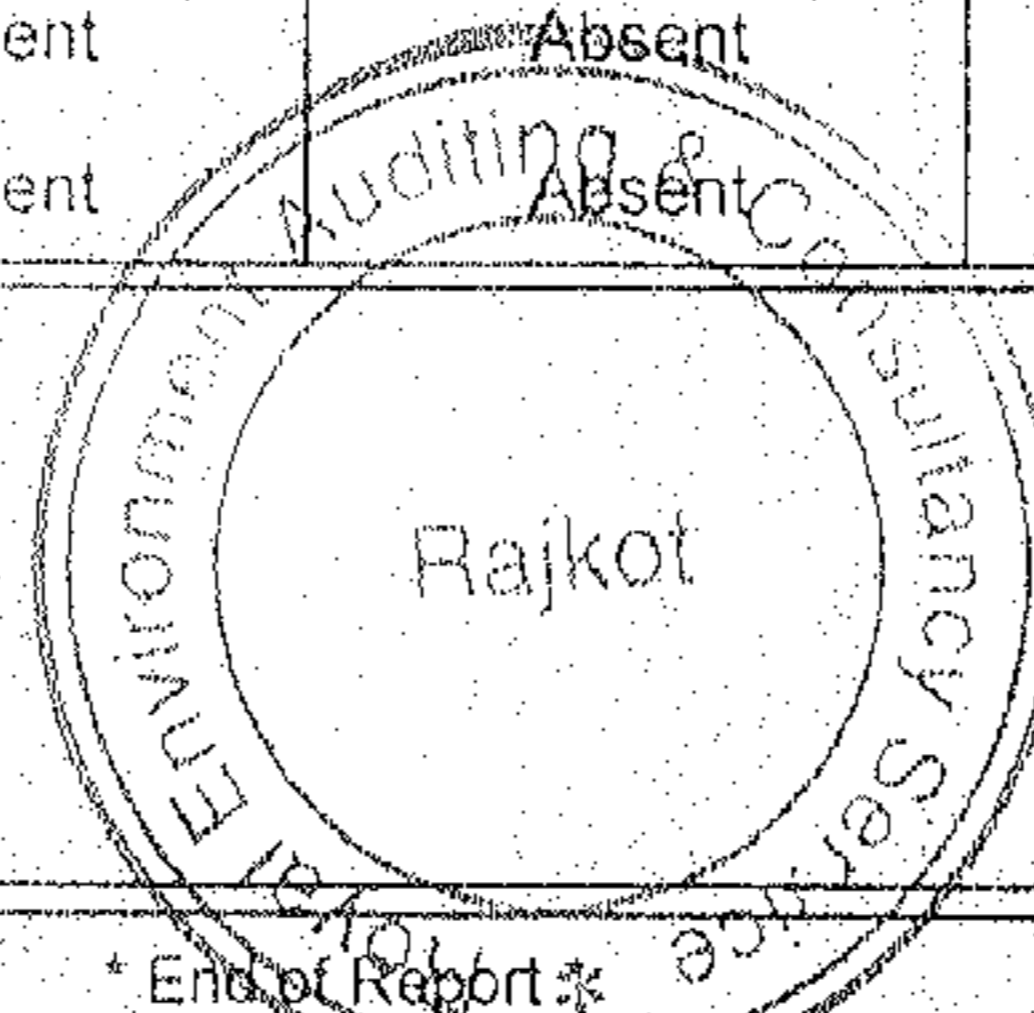
Sampling Method : IS 3025 : Part 1

Location of Sample : Ground Water - Nr. Solid Waste Storage Area

No.	Parameters	Unit	Acceptable Limits	Permissible Limits as per IS 10500-2012	Results	Test Method
01.	Color	Hazen Units	5	15	Colorless	IS 3025 : Part 44
02.	Odour	---	Agreeable	Agreeable	Odourless	IS 3025 : Part 5
03.	pH Value	---	6.5 - 8.5	No relaxation	7.1	IS 3025 : Part 11
04.	Turbidity	NTU	1	5	7	IS 3025 : Part 10
05.	Total Dissolved Solids	mg/l	500	2000	1525	IS 3025 : Part 16
06.	Total Suspended Solids	mg/l	---	---	15.8	IS 3025 : Part 17
07.	Total hardness (as CaCO ₃)	mg/l	200	600	706	IS 3025 : Part 21
08.	Calcium (as Ca)	mg/l	75	200	329	IS 3025 : Part 40
09.	Magnesium (as Mg)	mg/l	30	100	156	IS 3025 : Part 46
10.	Chloride (as Cl)	mg/l	250	1000	686	IS 3025 : Part 32
11.	Sulphate (as SO ₄)	mg/l	200	400	289	IS 3025 : Part 24
12.	Total alkalinity as (as CaCO ₃)	mg/l	200	600	612	IS 3025 : Part 23
13.	Nitrate (as NO ₃)	mg/l	45	No relaxation	112	IS 3025 : Part 34
14.	Fluoride (as F)	mg/l	1	1.5	0.05	IS 3025 : Part 60
15.	Iron (as Fe)	mg/l	0.3	No relaxation	0.29	IS 3025 : Part 53
16.	Mineral oil	mg/l	0.5	No relaxation	N.D.	IS 3025 : Part 39
17.	Phenolic compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	0.06	IS 3025 : Part 43
18.	Total arsenic (as As)	mg/l	0.01	0.05	Nil	IS 3025 : Part 37
19.	E. Coli	---	Absent	Absent	Absent	APHA
20.	Total Coliform Bacteria	---	Absent	Absent	Absent	APHA

**** This water can't be used as drinking water**

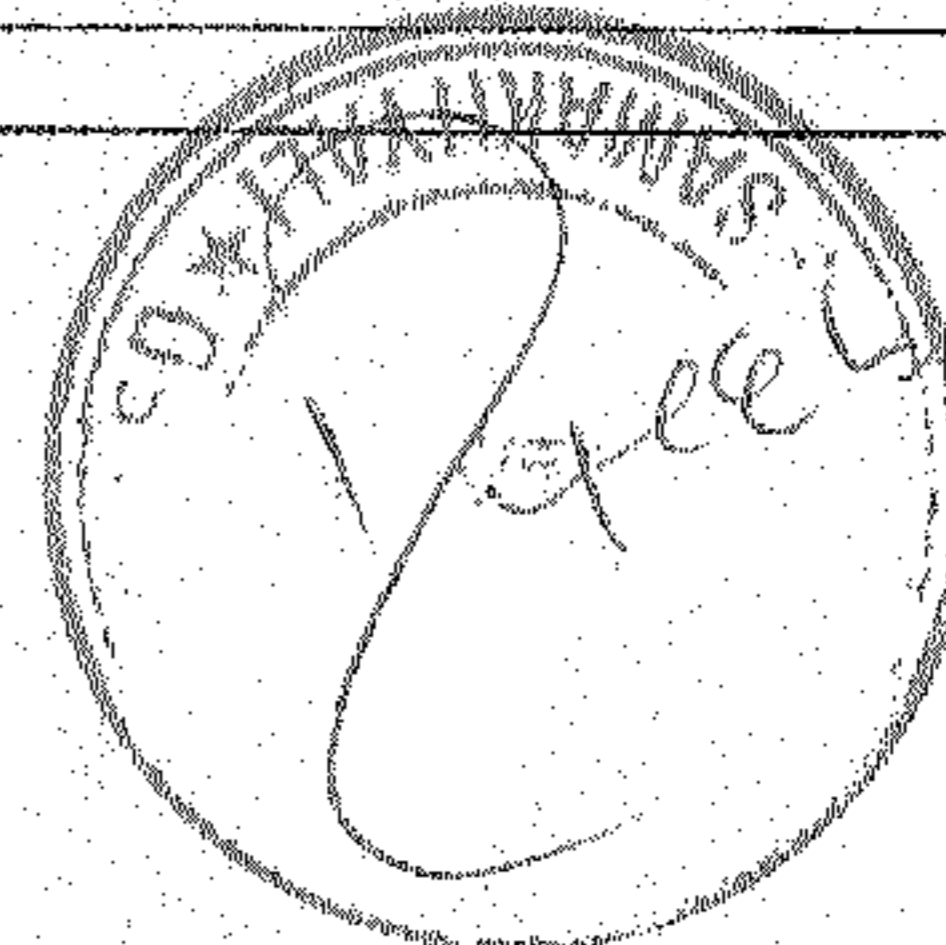
Digvijay Jada
Authorized Signatory
Digvijay Jada



Mukesh
Analyst

1. This test report (FMT-TP-SRV-014) shall not be reproduced except in full, without written approval from the Royal Environment Auditing & Consultancy Service
2. The results relate only to the item tested.

Doc. No. FMT-TP-SRV-014/ Issue No. 01 / Issue Date : 23-03-14 / Amend No.00 / Amend Date : ---





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Test Report No : 738/07/2017-18 Date : 03/08/2017

Work Order No : ----

Job Card No : Gallant/17-18/045

Name of company : Gallantt Metal Limited

Survey No. 175/1, Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutchh.

Attention : Mr. Manoj Rastogi

Date of Sample Receipt : 27/07/2017

Date & Time of Sampling : 27/07/2017 09.40 AM

Lab ID : W/17-18/07/139

Date of Testing : 27th July to 02nd August 2017

Sample Type : Water

Description of Sample Packing : Plastic Bottle

Type of Sampling : Grab

Quantity of Sample : 1.0 Ltr.

Description : Ground Water

Sample Collected by : Mukesh Rathod

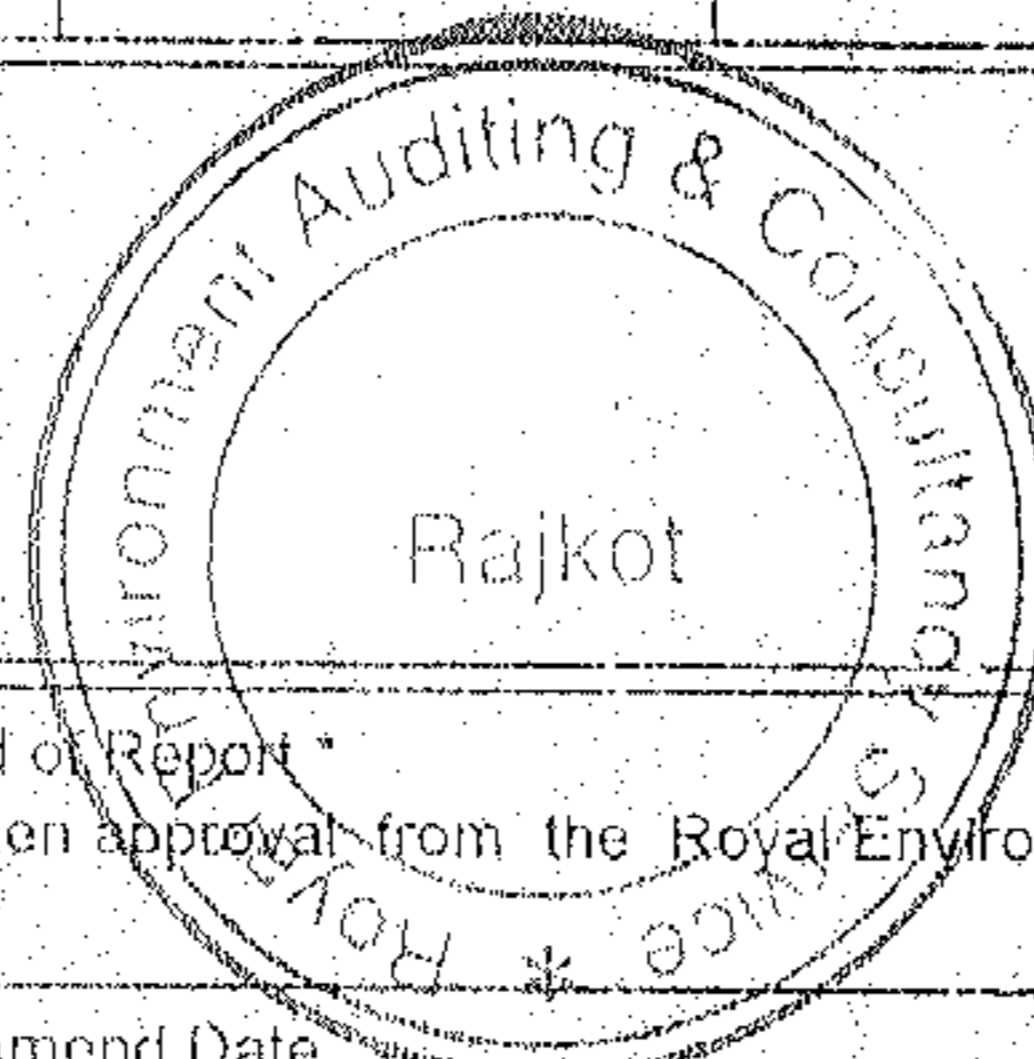
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Location of Sample : Ground Water - Nr. Solid Waste Storage Area

Sl. No.	Parameter	Unit	Observed	Permissible	Remarks	IS Code
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03.	pH Value	---	6.5 - 8.5	No relaxation	7.3	IS 3025 : Part 11
04.	Turbidity	NTU	1	5	6	IS 3025 : Part 10
05.	Total Dissolved Solids	mg/l	500	2000	1189	IS 3025 : Part 16
06.	Total Suspended Solids	mg/l	---	---	16.5	IS 3025 : Part 17
07.	Total hardness (as CaCO ₃)	mg/l	200	600	579	IS 3025 : Part 21
08.	Calcium (as Ca)	mg/l	75	200	256	IS 3025 : Part 40
09.	Magnesium (as Mg)	mg/l	30	100	151	IS 3025 : Part 46
10.	Chloride (as Cl)	mg/l	250	1000	521	IS 3025 : Part 32
11.	Sulphate (as SO ₄)	mg/l	200	400	329	IS 3025 : Part 24
12.	Total alkalinity as (as CaCO ₃)	mg/l	200	600	589	IS 3025 : Part 23
13.	Nitrate (as NO ₃)	mg/l	45	No relaxation	116	IS 3025 : Part 34
14.	Fluoride (as F)	mg/l	1	1.5	0.08	IS 3025 : Part 60
15.	Iron (as Fe)	mg/l	0.3	No relaxation	0.25	IS 3025 : Part 53
16.	Mineral oil	mg/l	0.5	No relaxation	N.D.	IS 3025 : Part 39
17.	Phenolic compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	0.03	IS 3025 : Part 43
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Digvijay Jadeja
Authorized Signatory
Digvijay Jadeja

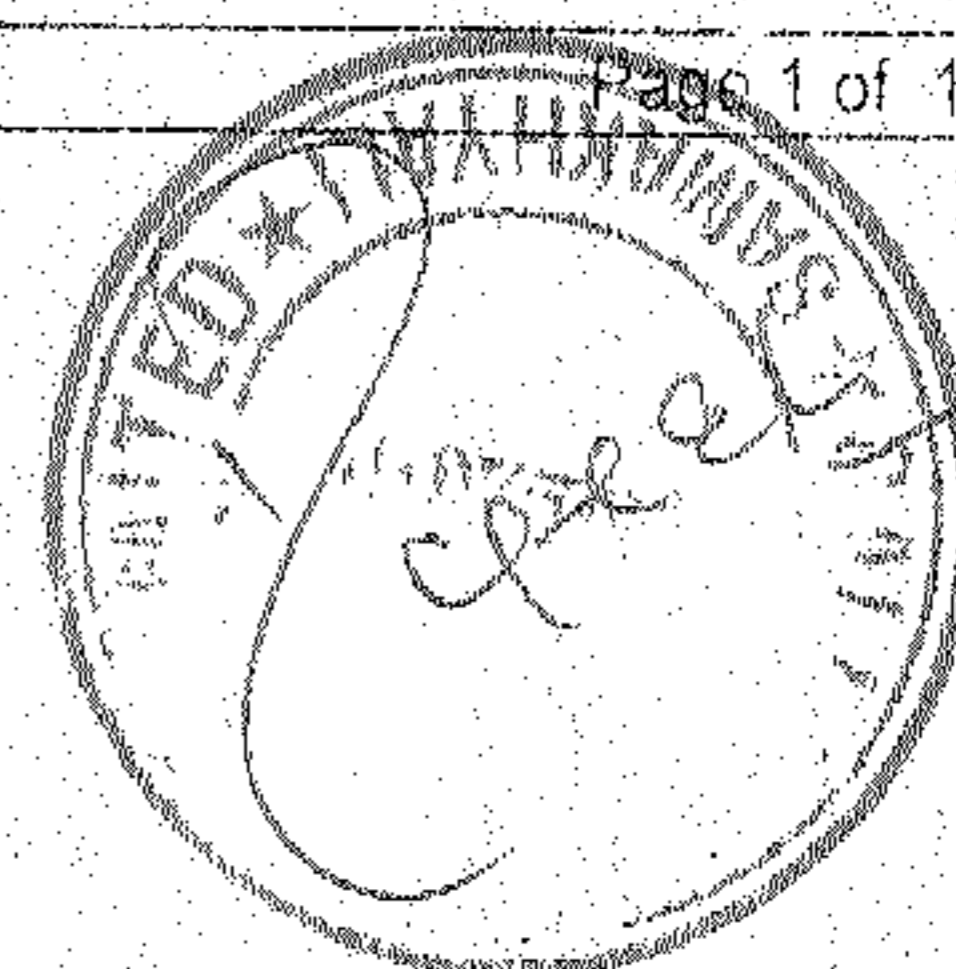


Mukesh Rathod
Analyst

* End of Report *

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