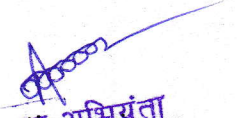


CERTIFICATE

Ref.No..186./2018-19,

Jashpur Date 18/01/2019.

It is to certify that Holy Cross English Medium School Gholeng Dist.Jashpur is well and distance between source and sanitary condition and water facility is good and neat and clean and no effect to health and drainage system is also good .In future no effect of injurious.


Executive Engineer
P.H.E. Division, Jashpur
जिला-जशपुर, छत्तीसगढ़

DISTRICT WATER TESTING LABORATORY
(NATIONAL DRINKING WATER MISSION)
DISTRICT - JASHPUR (C.G.)

DISTRICT Jashpur..... BLOCK Jashpur..... VILLAGE Ghaheng.....
(Code No.) (Code No.)

Particulars of Sample

- (i) Date of Collection 10/01/2019.....
(ii) Date of Received 10/01/2019.....
(iii) Date of Analysis 10/01/2019.....

Details of Location & Source

- (i) Holy Cross English
(ii) Medium School
(iii) Ghaheng, Jashpur
(iv)
(v)

Reference if any

| S.N. | Characteristics | Unit | Acceptable | Cause for Rejection | Result | | | | |
|-------------------------------|---|------------------|---------------------|---------------------|--------|----|-----|----|---|
| | | | | | I | II | III | IV | V |
| <u>PHYSICAL</u> | | | | | | | | | |
| 1. | Temperature | ^o C | -- | -- | 15.0 | | | | |
| 2. | Turbidity | N.T.U. | 2.5 | 10 | 1.0 | | | | |
| 3. | Colour | Pt.Cobalt | 5.0 | 25 | — | | | | |
| 4. | Test & Odour | -- | Un Objectionable | Objectionable | un | | | | |
| <u>CHEMICAL</u> | | | | | | | | | |
| 5. | PH | Ph Scale | 7.0 to 8.5 | 6.5 to 9.2 | 7.5 | | | | |
| 6. | Conductivity | Micro Mhos/Cm | -- | -- | 320 | | | | |
| 7. | Total Alkalinity | mg / l | -- | -- | — | | | | |
| 8. | Chlorides | mg / l | 200 | 1000 | 250 | | | | |
| 9. | Nitrates | mg / l | 45 | 45 | 10 | | | | |
| 10. | Total Hardness Ca CO ₃ | mg / l | 200 | 600 | 300 | | | | |
| 11. | Calcium (as Ca) | mg / l | 75 | 200 | — | | | | |
| 12. | Magnesium (as mg) | mg / l | 30 | 150 | — | | | | |
| 13. | Total Dissolved solids | mg / l | 500 | 1500 | 160 | | | | |
| 14. | Iron | mg / l | 0.1 | 1.0 | 0.1 | | | | |
| 15. | Fluorides | mg / l | 1.0 | 1.5 | 0.0 | | | | |
| 16. | Residual Chlorine by Jar Test | ppm | -- | -- | — | | | | |
| 17. | Coagulant Dose | mg / l | -- | -- | — | | | | |
| <u>BACTERIOLOGICAL</u> | | | | | | | | | |
| 18. | Coliform Organism at 37 ^o C | M.P.N. 100 ml | 24 Hr. 48Hr. | | — | | | | |
| 19. | Faecol Coliforms | Per 100ml | | | — | | | | |
| 20. | Special Test (i) (ii) | | | | — | | | | |
| REMARKS | | | | | | | | | |