



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_21520
Title of the Manuscript:	HEAVY METAL PROFILE OF SOME MEDICINAL PLANTS FOUND IN THE VICINITY OF QUARRY SITE IN DEMSA LOCAL GOVERNMENT AREA OF ADAMAWA STATE
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	ABSTRACT Format your abstract to reflect aims, study design, place and duration of study, methodology, results and conclusion. Line 9: write 'Mn' in full Line 12: delete "all from the quarry site". NB: the abstract should also reflect the status of other heavy metals detected in the course of the study	



SDI Review Form 1.6

	irrespective of their significance INTRODUCTION: Line 61: "Sewage sludge, fertilizers, agrochemicals". This sentence is inconclusive and not making sense! Please recast!! The introduction is inconclusive!! This introduction should also reflect literatures on medicinal plants, especially the application of the said plants in traditional medicine and the deleterious effect of heavy metals when consume with the plants or their extracts. MATERIALS AND METHODS: Line 70-81: not necessary, pls delete!! STUDY AREA Include the type of vegetation most common in and around the study area STUDY AREA: What inform the choice of these plants? Are they the only medicinal plants in and around the study area? Reflect why the samples were collected from quarry site! Justify the reasons for using leaves of the plants only? what about stem bark, root, or fruits of the plants? I know that the community around the quarry site uses the fruits of T. indica most often for consumption directly or indirectly. Your study design would have been splendid if different parts of each plant was used which will be informative to know the part of the plant that concentrate more heavy metals. Line 97: indicate name of person who authenticate the said plant part.	
--	---	--



SDI Review Form 1.6

	SAMPLE PREPARATION: Line 103: use "was weight" instead of "weight". Line 112: recast the sentence, not making sense. STATISTICAL ANALYSIS: Use suitable statistical package to analyze the findings of this study RESULTS: Line 131: use "found on leaves of each plant sample". Line 133: delete 'except' and replace with "However, ... was significantly present". Line 135: delete "lead (Pb):" Line 136: use "limit given by Barminas etal (11) and WHO (12). Line 136: delete 'manganese (Mn)'. Line139: use " limit for Mn set by WHO (12) Line 140: use "while by FEPA (9)" Line 144: use "permissible limit of FEPA (9) and WHO (12). DISCUSSION: the results were not discussed at all. Please do compare your results with previous findings!! REFERENCES: Your references aren't consistent more especially with respect to journal names. Abbreviate journal names according to the requirement of this journal. Revise the references to suite the requirement of this journal.	
--	---	--



SDI Review Form 1.6

Minor REVISION comments		
Optional/General comments	Authors only refer to limits of heavy metals in samples! Authors need to compare their results with previous studies more especially on not only medicinal plants but also plants and plant products that are used by humans.	

Reviewer Details:

Name:	Musa Yakubu Tula
Department, University & Country	Department of Biological Science Technology, Federal Polytechnic Mubi, Adamawa State, Nigeria