



SDI Review Form 1.6

Journal Name:	Asian Journal of Geological Research
Manuscript Number:	Ms_AJGER_41113
Title of the Manuscript:	GEOSPATIAL PROFILING FOR THRESHOLD MAPPING OF HYDROTHERMAL ALTERATION WITHIN KUSHAKA SCHIST BELT, NORTH CENTRAL NIGERIA: IMPLICATIONS FOR MINERAL EXPLORATION
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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	<p>I only suggest that the author(s) check the exact ages in the geologic setting section. For example, Birimian orogeny is Paleoproterozoic in age and can not be dated at 250Ma. There might be some young ages among zircons extracted from Birimian rocks but these are either analytical errors or some kind of minor scale Mesozoic thermal re-activation of Birimian metamorphic and granitic terranes.</p> <p>Also, please check your lithological descriptions of metasedimentary rocks, especially metapelites (e.g. "ancient" pelites). They need to be made in accordance with internationally used terminology for metasedimentary rocks.</p>	<p>Birimian orogeny is dated 2500Ma not 250Ma as seen in the manuscript. There was an erroneous omission of one zero from the figure</p> <p>I think the terms we used in the lithological descriptions of metasedimentary rocks meets international standards and should not be confusing to anyone who understands metasedimentary rocks</p>
<u>Optional/General</u> comments		