



SDI Review Form 1.6

Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	Ms_JGEESI_47802
Title of the Manuscript:	MAGNETIC SUSCEPTIBILITY MAPPING OF ROCKS AND DEPTH ESTIMATION OF ANOMALIES: A CASE STUDY OF IGARRA AND ITS ENVIRONS.
Type of the 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	<ul style="list-style-type: none"> - What is the difference between Fig. 2 and Fig.3 ? - "The value of the total magnetic intensity about the center was read off and the corresponding value enclosing the anomaly called the host environment was measured. The difference between the two gives the amplitude of the anomaly (ΔT). The Total Magnetic Intensity, T was obtained by adding 32,000 nT (Gamma) to the value measured at the center". - I can't understand this paragraph. If you please, give me one example to show me how you can do it. Also, table 1, how do you calculate " Δ T" and "T" for anomaly No. 10, as example. - What is the unit of Magnetic Susceptibility in the text. - What is the difference between Fig.4 and 5. - In the section of "Depth Estimation of the Observed Anomalies": <p>"This was done for the respective anomalies and curves drawn to determine the half slope ($S_{1/2}$), Width between flanks (W), Maximum amplitude (A), Horizontal distance (H), Point of maximum deflection (PD) and hence estimate the depth to the anomalies". Please, put figure or plot to show that. Give simple idea for each method of depth estimation.</p>	All the clarifications are incorporated in the revised manuscript
Minor REVISION comments		
Optional/General comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	