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Interpreting of Fault Activation with New High Resolution Digital Elevation ^金 矑 《

Keywords: R ., ; C .. (...; G ...; V....; E (.......; G; V.....; E (.........; C; C ...; C; C ...; C ...;

Introduction

N P.C. S., P. A., S., M. A., S., N. A., B. S., P. A., D. S., S., C. A., H. S., M. G. A., $(RF), P \qquad F \qquad (PF), G \qquad B \qquad F \qquad (GBF) \qquad C \qquad (F), P \qquad F \qquad (F), G \qquad B \qquad F \qquad (GBF) \qquad C \qquad (F) \qquad (F$

Stratigraphy

Murree formation

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Figure 6: Photograph shows sandstone and clay of Chingi formation near Panjera, Coordinates 73°46'51" E, 33°35'11" N.



Figure 7: Photograph shows massive sandstone in Nagri Formation near Holar, coordinates 73°36'55" E, 33°35'20" N.



Figure 8: Photograph shows volcanic clast in Nagri Formation near Holar, coordinates 73°38'35" E, 33°37'14" N.

Nagri formation

Dhok pattan formation

 $\begin{array}{c} \bullet & S \\ P \\ \bullet & F \\ F \\ \bullet & \bullet \\$

Structure

Faults



Figure 9: Photograph shows soft and friable sandstone of Dhok Pathan formation near Holar, coordinates 73°37'40" E, 33°36'06" N.

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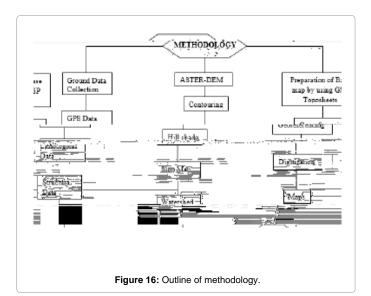
Methodology

 D_{1} , C_{2} , E_{2} , M_{1} , (DEM), S_{1} , C_{2} , R_{1} , T_{1} , C_{2} , C_{2}

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 $F_1 \cdot \cdots \cdot G_1 \cdot \cdots \cdot G_n \cdot \cdots \cdot G_n$

Discussion



Attribute of Bedding Plunge and Trend of Fold Type of Folds Attitude of Axial Plane Intern Limb angle Axis Fold Northeastern Limb Southwestern Limb Androt Syncline Open Mangriat Anticline Open Northwestern Part Gentle Namb Peprian Syncline Southwestern Part Gentle Northwestern Part Open Palandari Anticline Southwestern Part Gentle Northwestern Part Gentle Dardarchh Syncline Southwestern Part Open Chhechhan Anticline Open Holar Syncline Gentle

Table 1: Folds in research area.

Conclusion

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