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Pei, Y, Paton, DA orcid.org/0000-0001-8918-6697, Knipe, RJ et al. (3 more authors) (Cover date: Jan Feb 2020) Field-based investigation on fault architecture: a case study from the Lenghu fold-and-thrust belt, Qaidam basin, NE Tibetan Plateau. Geological Society of America Bulletin, 132 (1/2). pp. 389-408. ISSN 0016-7606

https://doi.org/10.1130/B35140.1

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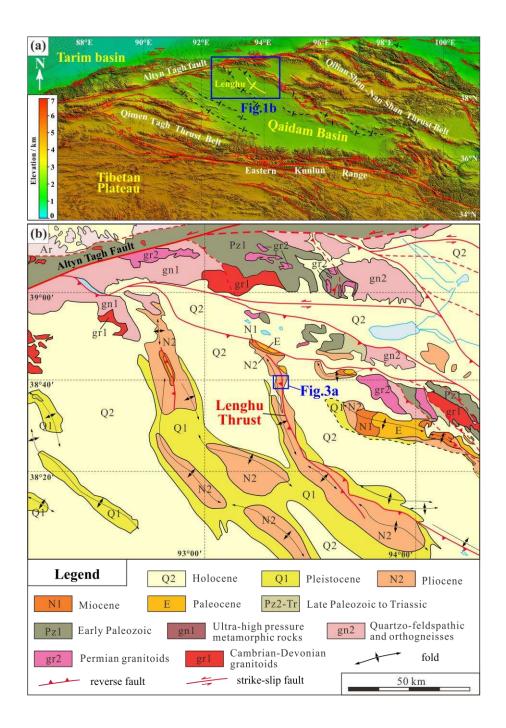
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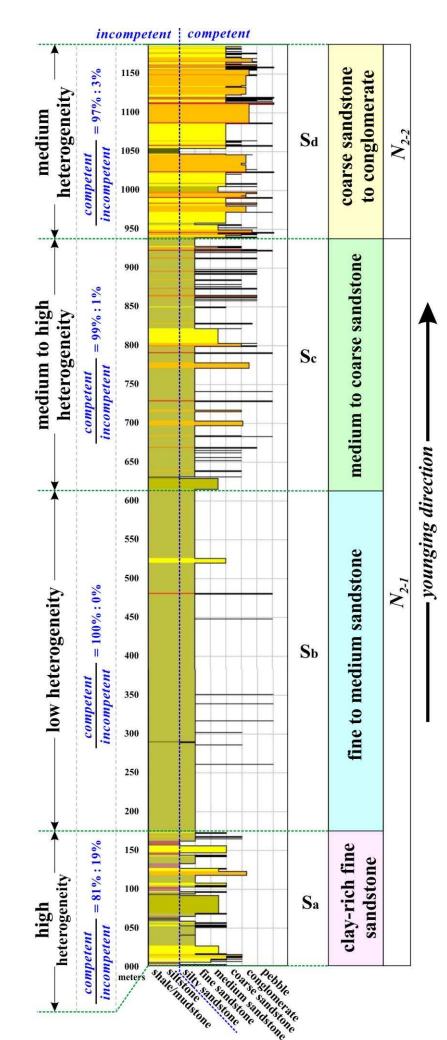
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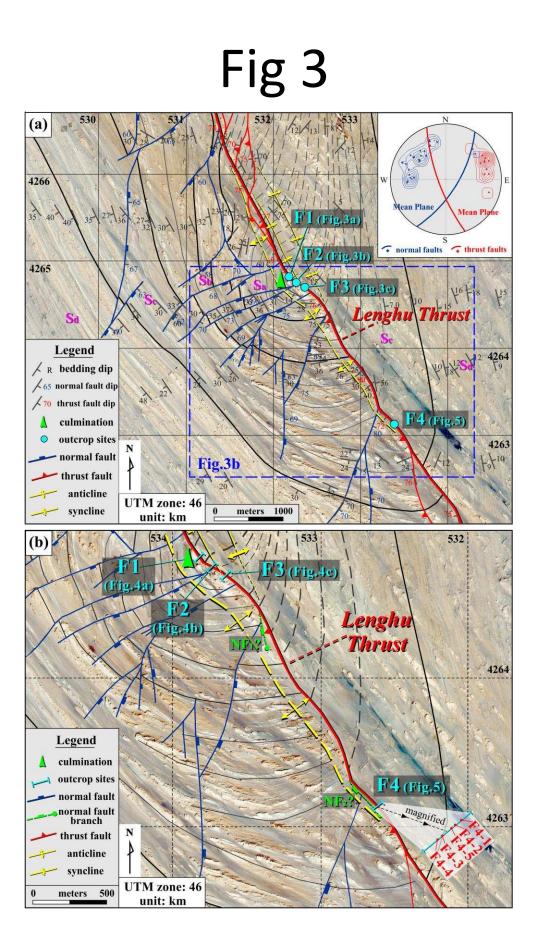


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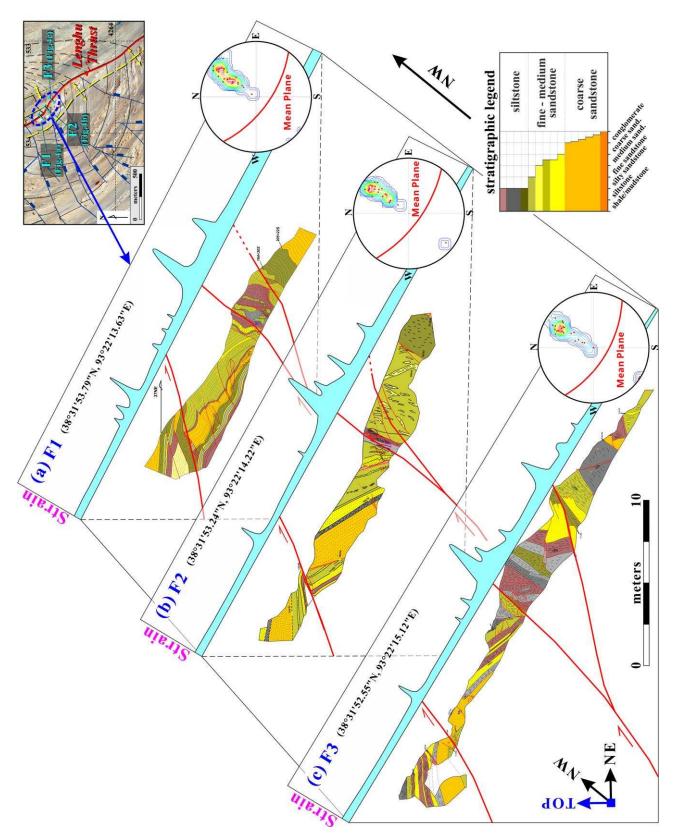
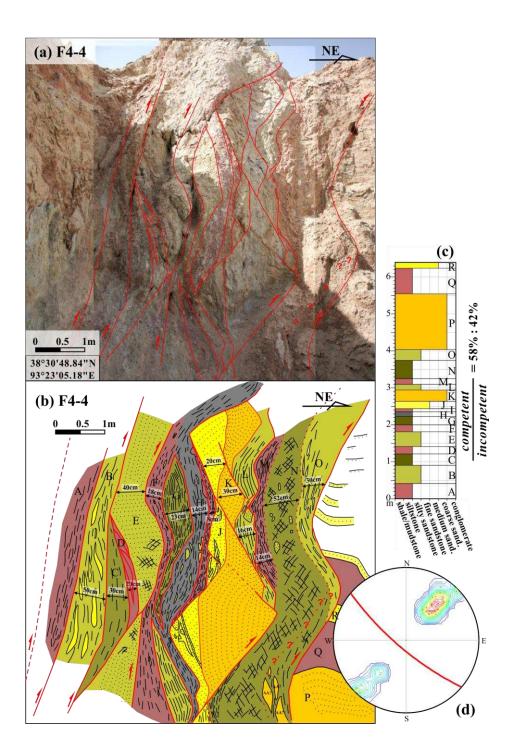
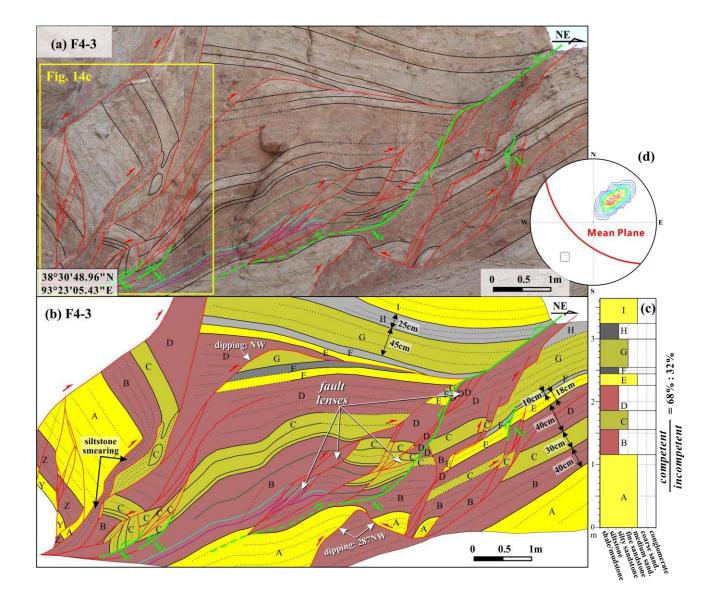


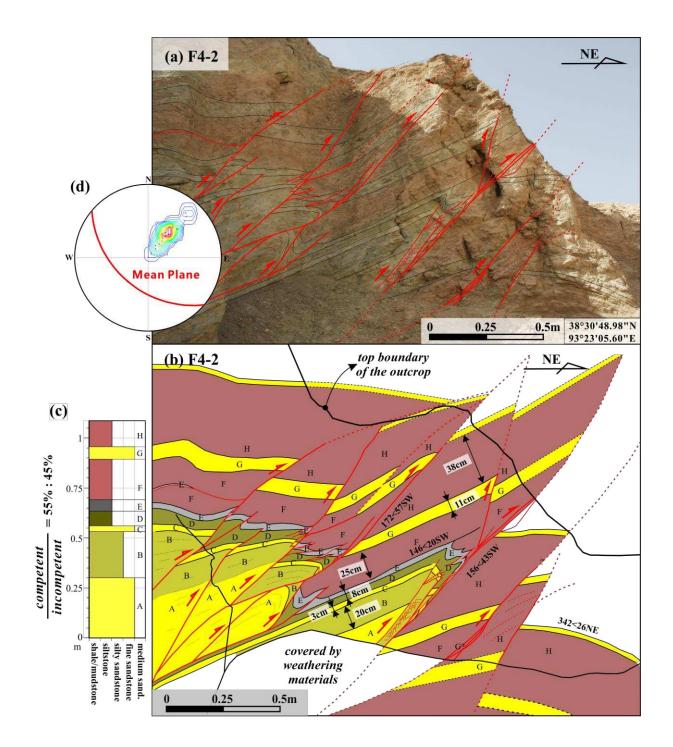
Fig 5 Lenghu F4-4 (a) NE Fig.ö) UTM zone: 46 unit: km F4 3 Fig meters 10 38°30'48.96"N 93°23'05.43"E NOTE: An estimated scale is provided. The scale is uneven across the field photo because of perspective issues. F4-4 (Fig.5) NE (b) ~ F4-3 (Fig.7) anging wall footwall 10 meters 38°30'48.96"N 93°23'05.43"E NOTE: An estimated scale is provided. The scale is uneven across the field photo because of perspective issues. F4-4 (Fig.6) NE ~ ^(c)hanging wall F4-3 (Fig.7) stratigraphic legend siltstone fine - medium sandstone F4-2 (Fig.8) coarse sandstone footwall main Lenghu Thrust F4-1 (Fig.9) meters 10 1

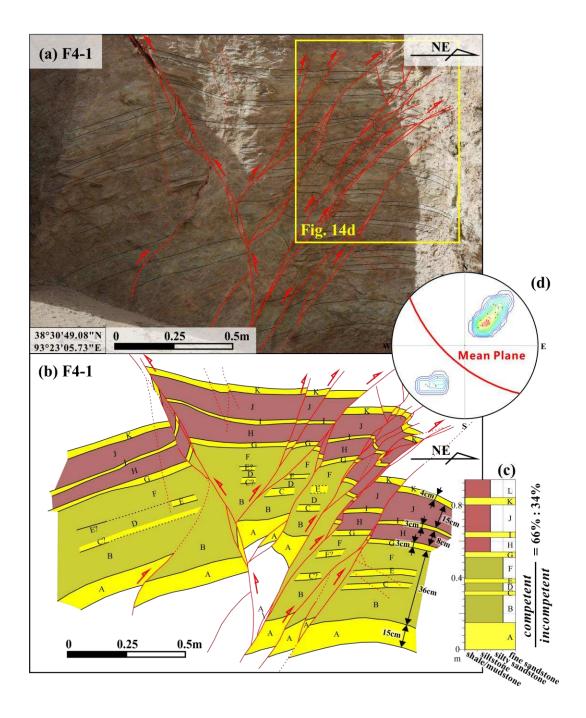


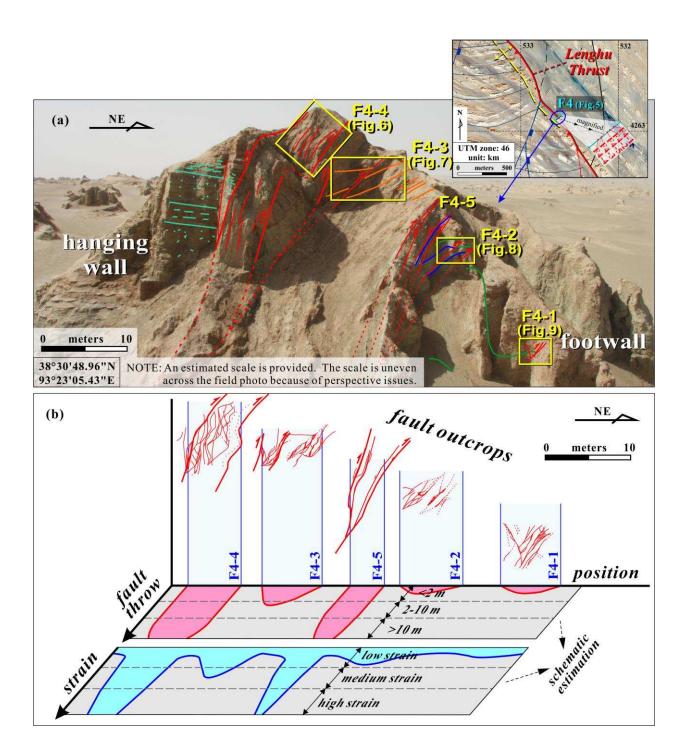












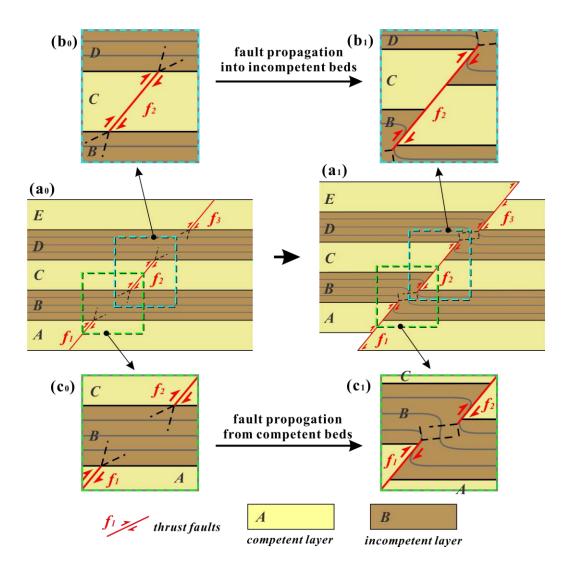


Fig 12 decreasing strain fault lens (rotation/shear within early fold/kink, some with bedding plane slip) decreasing strain TGF potential short cut faults to reduce fault plane asperity splay faults, shear zones or folds TGF local complex faulting at intersection of lens bedding plane slip or detachment structure decreasing strain minor duplex simple fault structures segment decreasing strain Fault Throw Distribution fault 🛦 throw thrust fault Ģ ņ ... 00 Q 0 0 A → A' distance normal fault Abbreviations Lithology **TGF**: through-going faults **DZ**: damage zone competent layer incompetent layer

