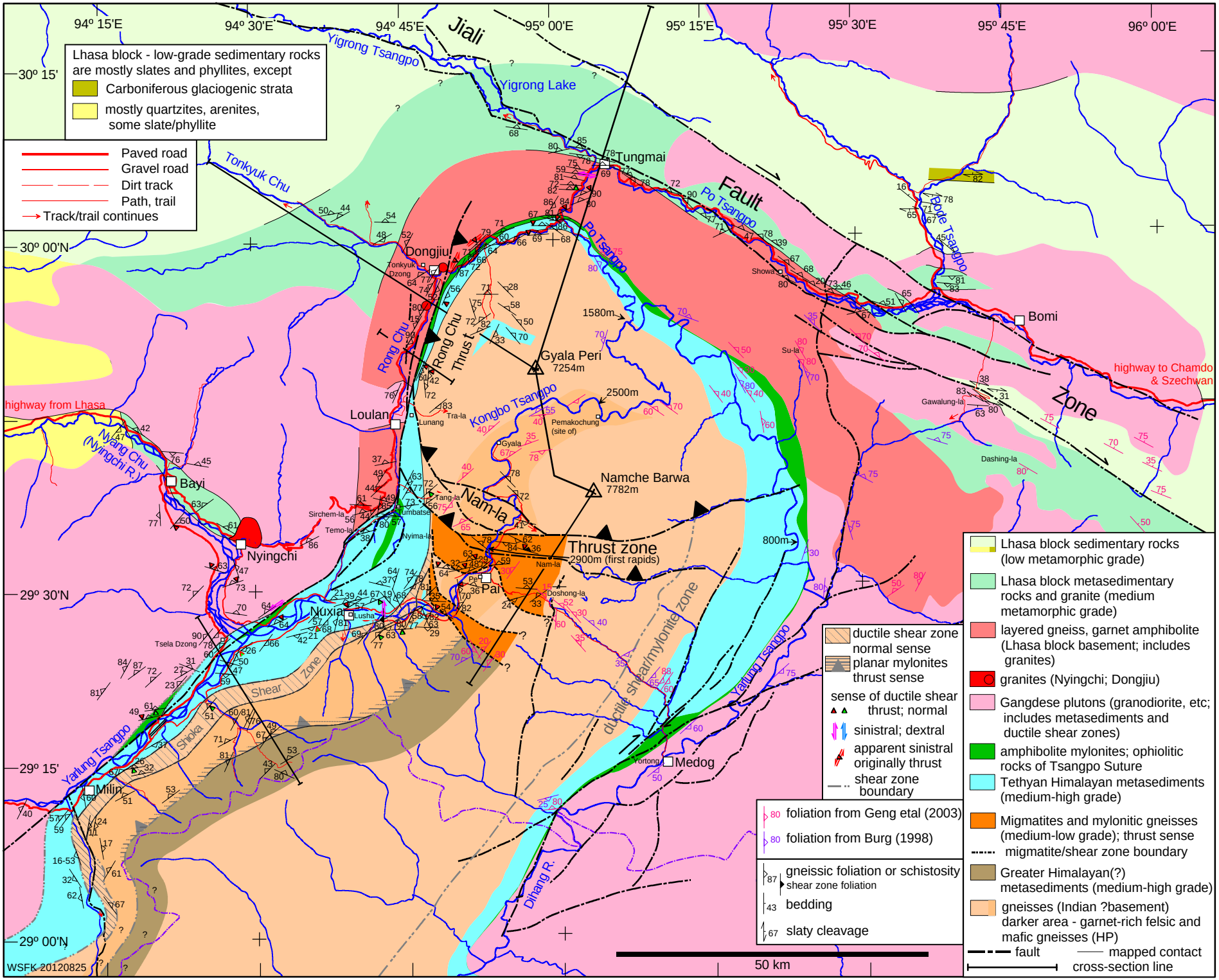
Lhasa block - low-grade sedimentary rocks are mostly slates and phyllites, except
Carboniferous glaciogenic strata
mostly quartzites, arenites, some slate/phyllite
Paved road
Gravel road
Dirt track
Path, trail
Track/trail continues
94º 15'E
94º 30'E
94º 45'E
95º 00'E
95º 15'E
95º 30'E
95º 45'E
96º 00'E
30º 15'
30º 00'N
29º 30'N
29º 15'
29º 00'N
Jiali
Fault
Zone
Yigrong Tsangpo
Yigrong Lake
Tonkyuk Chu
Po Tsangpo
Rong Chu
Thrust
Kongbo Tsangpo
Nam-la
Thrust zone
2900m (first rapids)
Gyala Peri
7254m
Namche Barwa
7782m
1580m
2500m
800m
Tungmai
Dongjiu
Loulan
Bayi
Nyingchi
Nuxia
Pai
Milin
Medog
Bomi
Nyang Chu (Nyingchi R.)
Yarlung Tsangpo
Shiqka
Shear
Zone
ductile shear/mylonite zone
Dihang R.
highway from Lhasa
highway to Chamdo & Szechwan
Tonkyuk Dzong
Lunang
Tra-la
Pemakochung (site of)
Gyala
Tang-la
Lumbatse
Sirchem-la
Temo-la
Nyima-la
Nam-la
Doshong-la
Lusha
Tsela Dzong
Showa
Su-la
Gawalung-la
Dashing-la
Yortong
ductile shear zone normal sense
planar mylonites thrust sense
sense of ductile shear
thrust; normal
sinistral; dextral
apparent sinistral originally thrust
shear zone boundary
foliation from Geng etal (2003)
foliation from Burg (1998)
gneissic foliation or schistosity
shear zone foliation
bedding
slaty cleavage
Lhasa block sedimentary rocks (low metamorphic grade)
Lhasa block metasedimentary rocks and granite (medium metamorphic grade)
layered gneiss, garnet amphibolite (Lhasa block basement; includes granites)
granites (Nyingchi; Dongjiu)
Gangdese plutons (granodiorite, etc; includes metasediments and ductile shear zones)
amphibolite mylonites; ophiolitic rocks of Tsangpo Suture
Tethyan Himalayan metasediments (medium-high grade)
Migmatites and mylonitic gneisses (medium-low grade); thrust sense
migmatite/shear zone boundary
Greater Himalayan(?) metasediments (medium-high grade)
gneisses (Indian ?basement) darker area - garnet-rich felsic and mafic gneisses (HP)
fault
mapped contact
cross-section line
50 km
WSFK 20120825