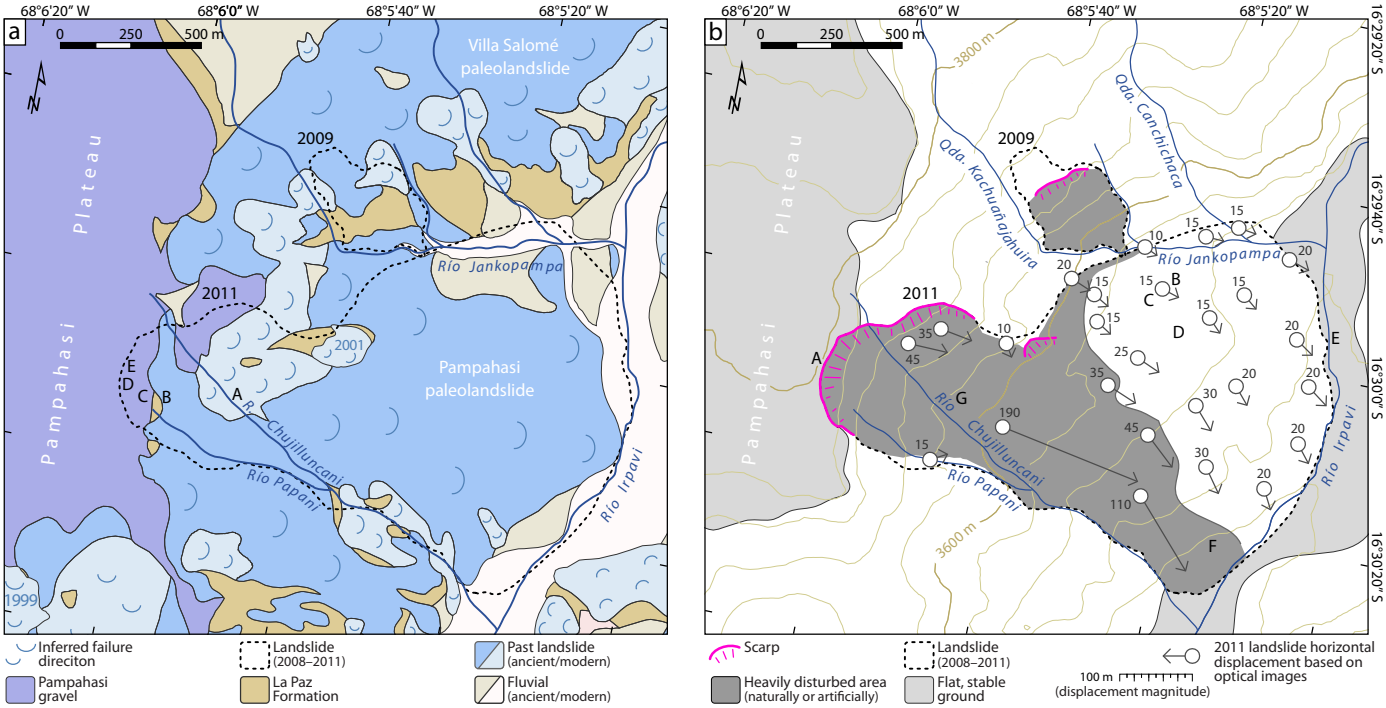
a
b
68°6'20" W
68°6'0" W
68°5'40" W
68°5'20" W
16°29'20" S
16°29'40" S
16°30'0" S
16°30'20" S
0 250 500 m
Villa Salomé paleolandslide
Pampahasi paleolandslide
Pampahasi Plateau
Rio Jankopampa
Rio Chujilluncani
Rio Papani
Rio Irpavi
Qda. Kachuañajahuira
Qda. Canchichaca
2009
2011
2001
1999
3800 m
3600 m
A
B
C
D
E
F
G
Inferred failure direciton
Pampahasi gravel
Landslide (2008–2011)
La Paz Formation
Past landslide (ancient/modern)
Fluvial (ancient/modern)
Scarp
Heavily disturbed area (naturally or artificially)
Landslide (2008–2011)
Flat, stable ground
100 m (displacement magnitude)
2011 landslide horizontal displacement based on optical images