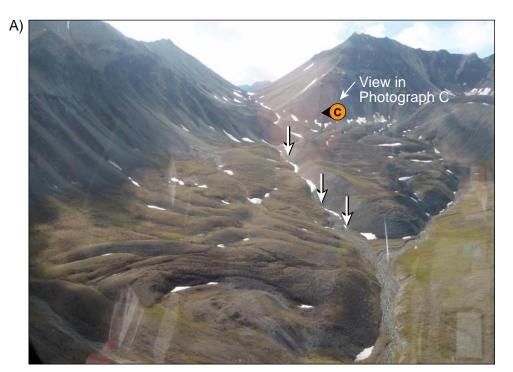
2. Data frame has been rotated 70° west of north.

3. Geology by Wilson et al., 2009.







View looking southeasterly at lineament expressed at erosional drainage cutting through the likely Holocene rock glacier deposit.



View looking northwesterly (opposite that in Photograph A) at lineament expressed as erosional drainage cutting through the likely Holocene rock glacier deposit.



View looking southeasterly at lineament expressed as likely Holocene rock glacier deposit contacting the valley floor.

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MAP DATA

Photograph taken from location A looking southwest along apparent rock type contrast (contact?) and towards mapped lineaments in steep-walled, v-shaped, linear drainage. Arrows point along apparent contact between less-resistant rock on the north and more resistant and craggy outcrops on the south.



Photograph taken from location C looking west at head of steep-walled, v-shaped, linear drainage where mapped lineaments correspond to apparent rock contact.



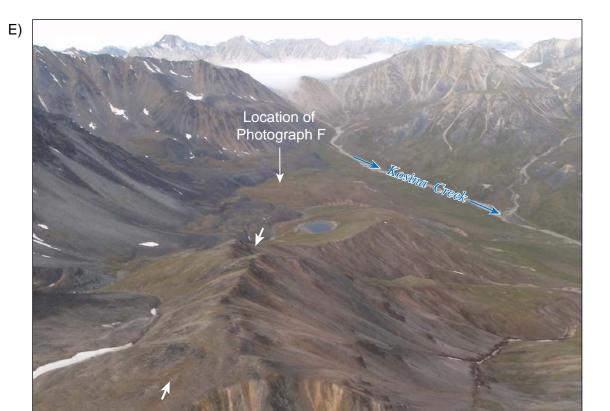
Photograph taken from location B looking west along mapped lineaments and apparent rock contact in steep-walled, v-shaped, linear drainages.



Photograph looking northeast from location D along the western continuation of the apparent rock type contrast shown in Photographs A, B, and C. Arrows point along apparent contact.



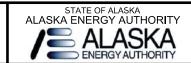
Photograph looking northwest from location F showing apparently undeformed rock glacier and/or glacial deposits along strike of the mapped lineaments and apparent rock contact shown in Photographs A through D.



Photograph from location E looking southwest down the ridgeline shown in Photograph D. View is 180 degrees from that in Photograph D. Note presence of rock glacier and glacial deposits in valley bottom. Arrows point along apparent contact.

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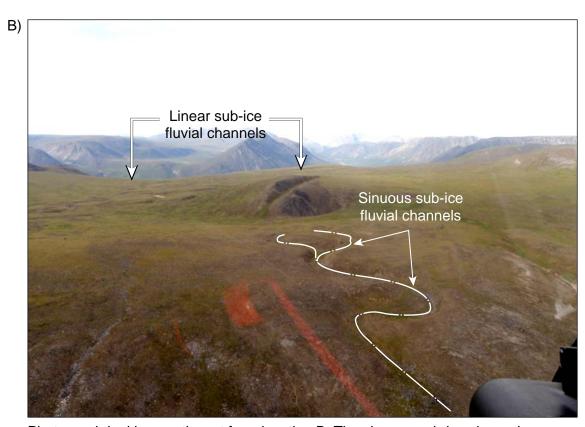




Photograph taken from location A looking west. Arrows point along trend of mapped lineaments along southwest-facing aligned break-in-slope. Note the rounded and subdued nature of break-in-slope. Relief across break-in-slope is ~125 m.



Overview photograph looking southwest from location C along alignment of mapped lineaments. Arrows point along trend of lineament group 19. Note absence of expression of lineaments within the landscape across the Goose Creek portion of the lineament group.



Photograph looking southwest from location B. The sinuous sub-ice channels are not large enough features to be seen on INSAR data.





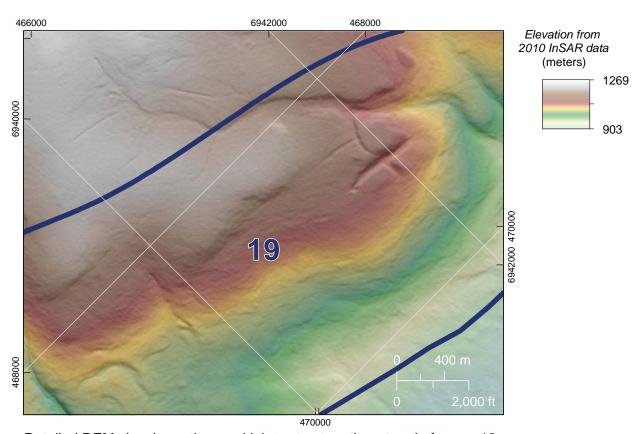
Photograph looking north-northeast from location A along the east-facing break-in-slope that defines the northeast portion of LG 19. Arrows point along alignment of mapped lineaments.



Photograph looking south-southwest from location C at widely spaced, near vertical, well-developed joints in trondhjemite (aka tonalite) bedrock. Joint spacing is 1 to 1.5 meters. Predominant orientations of joints are 042/80SE, 012/85SE, and 082/85SE but other orientations exist. Joint faces have clean surfaces with relief of minerals of 1 to 3 mm. No gouge or mineralization observed on joint surfaces, nor any sense of movement indicators (striae or mullions).



Photograph looking northwest from location B at sub-ice fluvially-eroded channels. Arrows point along the trend of mapped lineaments that make up group 19.



Detailed DEM showing orthogonal joint sets at northeast end of group 19.

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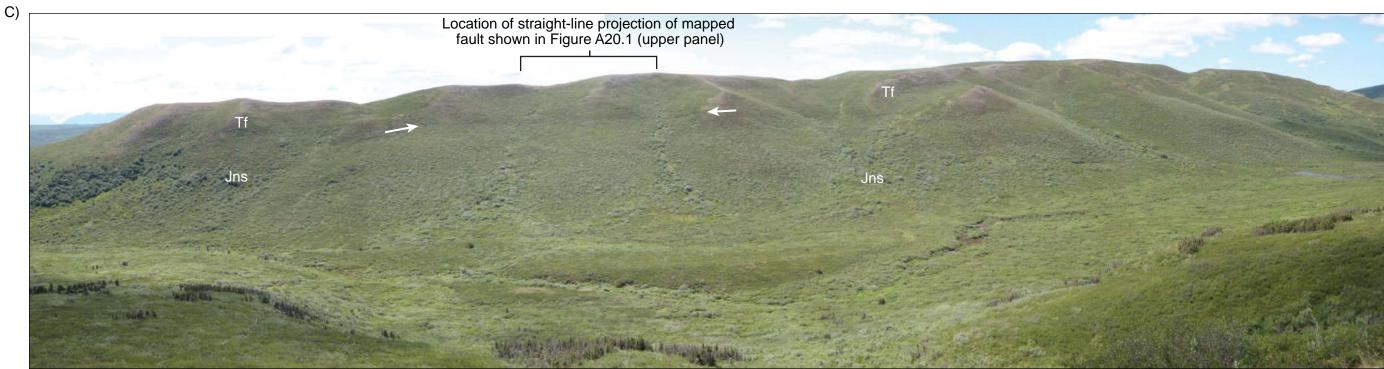




Photograph looking northeast from location A.



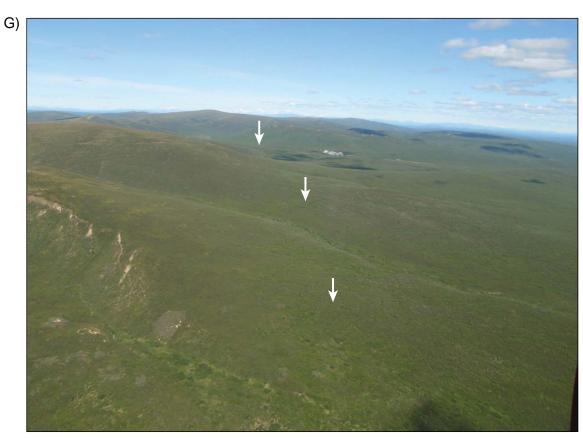
Photograph looking west-southwest from location B. Geologist standing in 3- to 6-m deepand ~30-m-wide swale. Swale only exists in saddle; it does not continue down either side of saddle.



Photograph looking southwest from location C. Basal contact shown by arrows. Note that base of contact is not apparently deformed along projection of fault and that no expression of faulting in valley bottom is apparent.



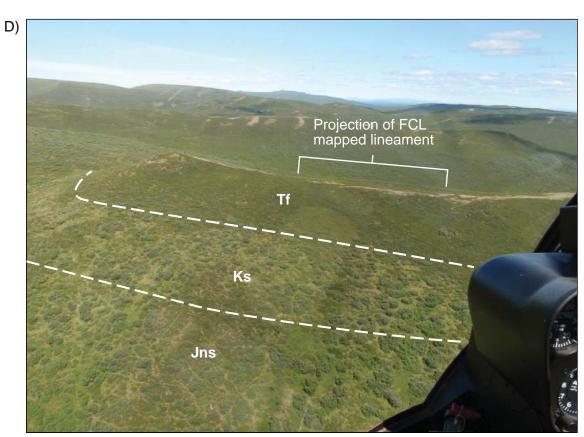




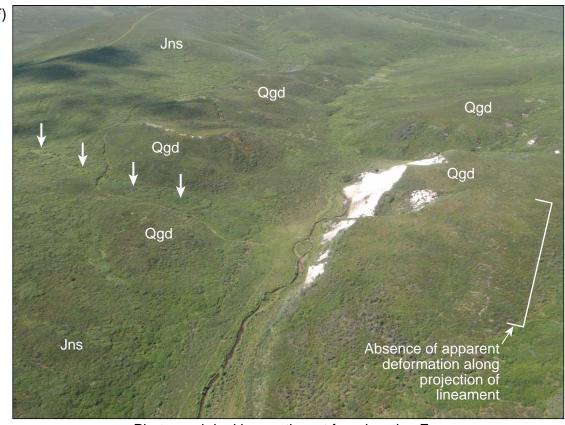
Photograph looking north from location G along mapped fault of Grantz (1960). Arrows point to approximate location of mapped fault. Note absence of apparent geomorphic expression fault.



Arrows show location of FCL mapped lineament (shallow U-shaped swale). Note no apparent deformation of white-bedded sediments (glacial lake sediments) along projection of lineament.



Photograph looking northeast from location D. Note absence of deformation in ridge line of Tf.



Photograph looking northwest from location F.







Photograph looking north-northeast from location H along queried mapped fault of Grantz (1960) that lies outside of lineament group. Note absence of fault expression.



Photograph looking north-northeast from location I along queried mapped fault of Grantz (1960) that lies outside of lineament group. Note absence of fault expression.

