

Timing and dynamics of glaciation in the Ikh Turgan Mountains, Altai Region, High Asia

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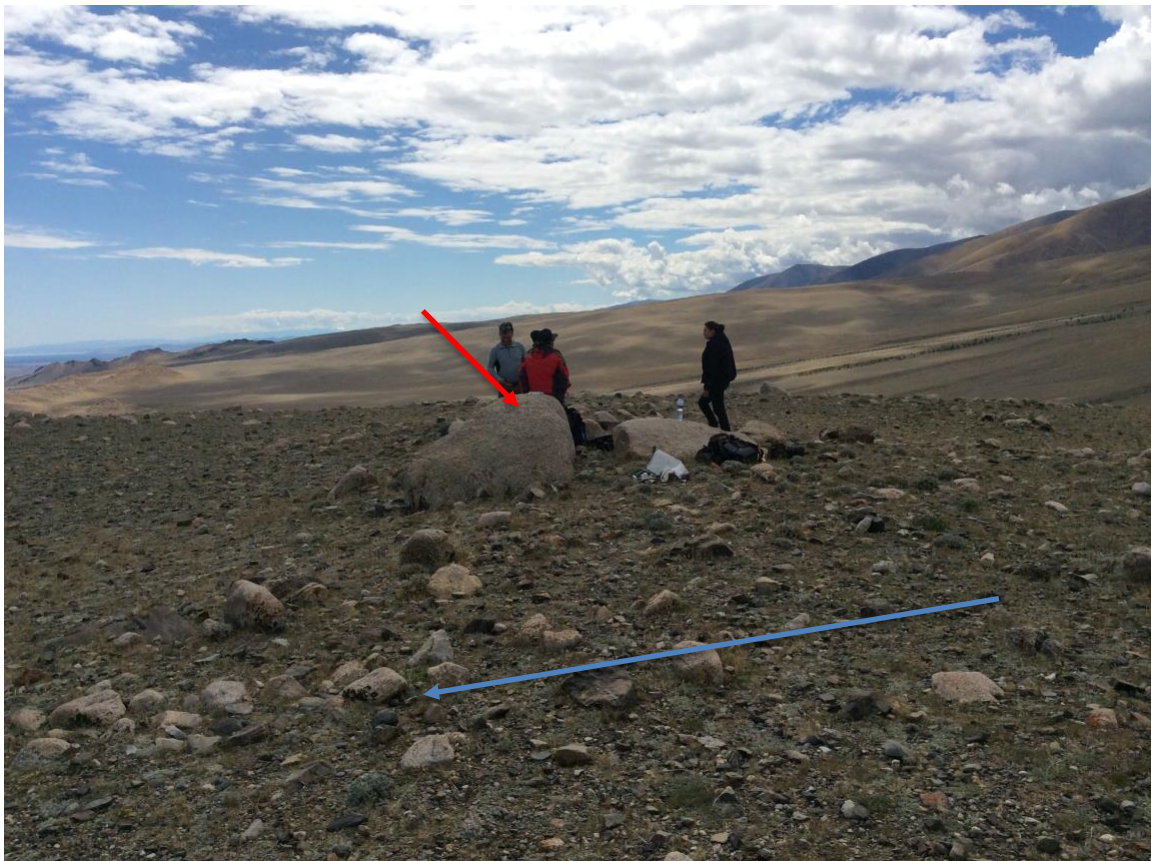
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¹⁰Be sample information

AL14-01 [TUR 2]

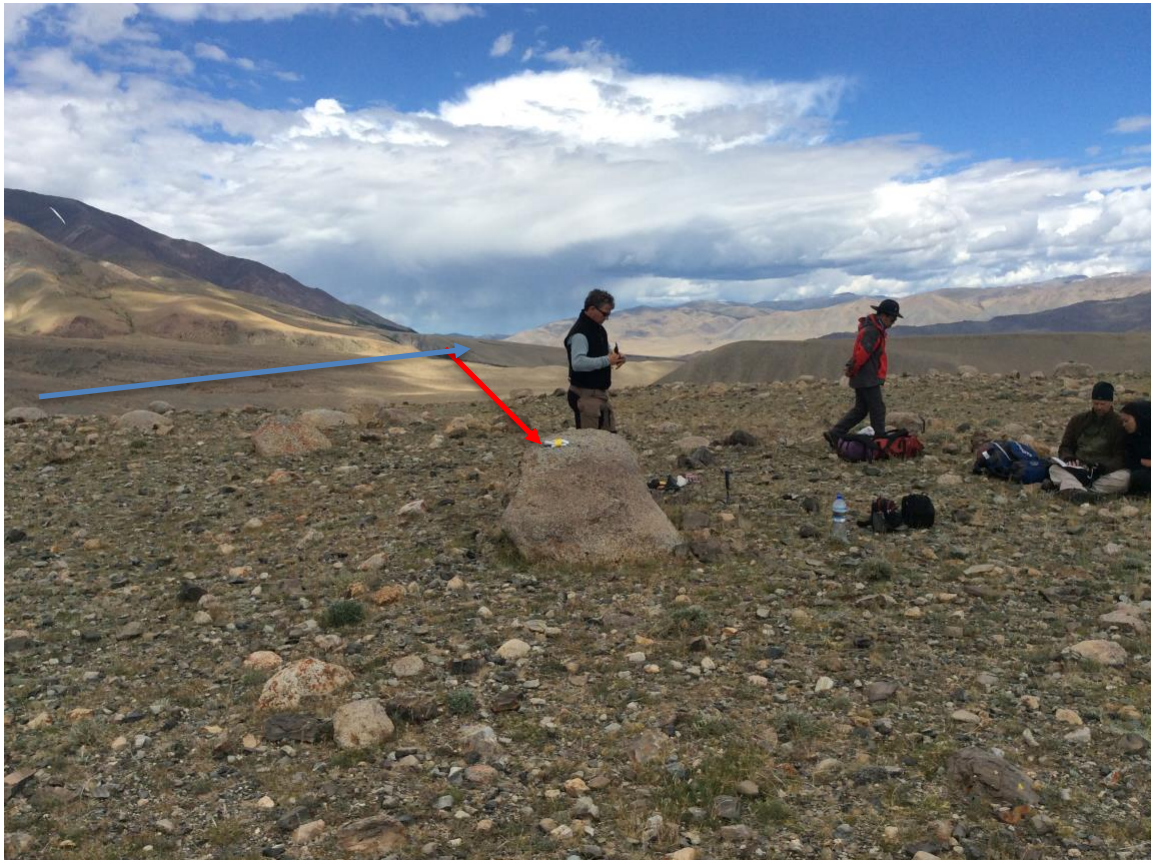
Coarse-grained granitic boulder on the right-lateral outermost moraine in the Torgen-Asgat catchment of the Ikh Torgen Mountains. Moraine surface contain high concentration of boulders and the highest crest is clearly distinguished. Boulder surface is slightly weathered with varnish cover and lichens on the sides. Dimensions: 1.2 m x 1.5 m x 2.1 m. Sample taken from on top of boulder.



Blue arrow is generalized ice flow direction.

AL14-02 [TUR 2]

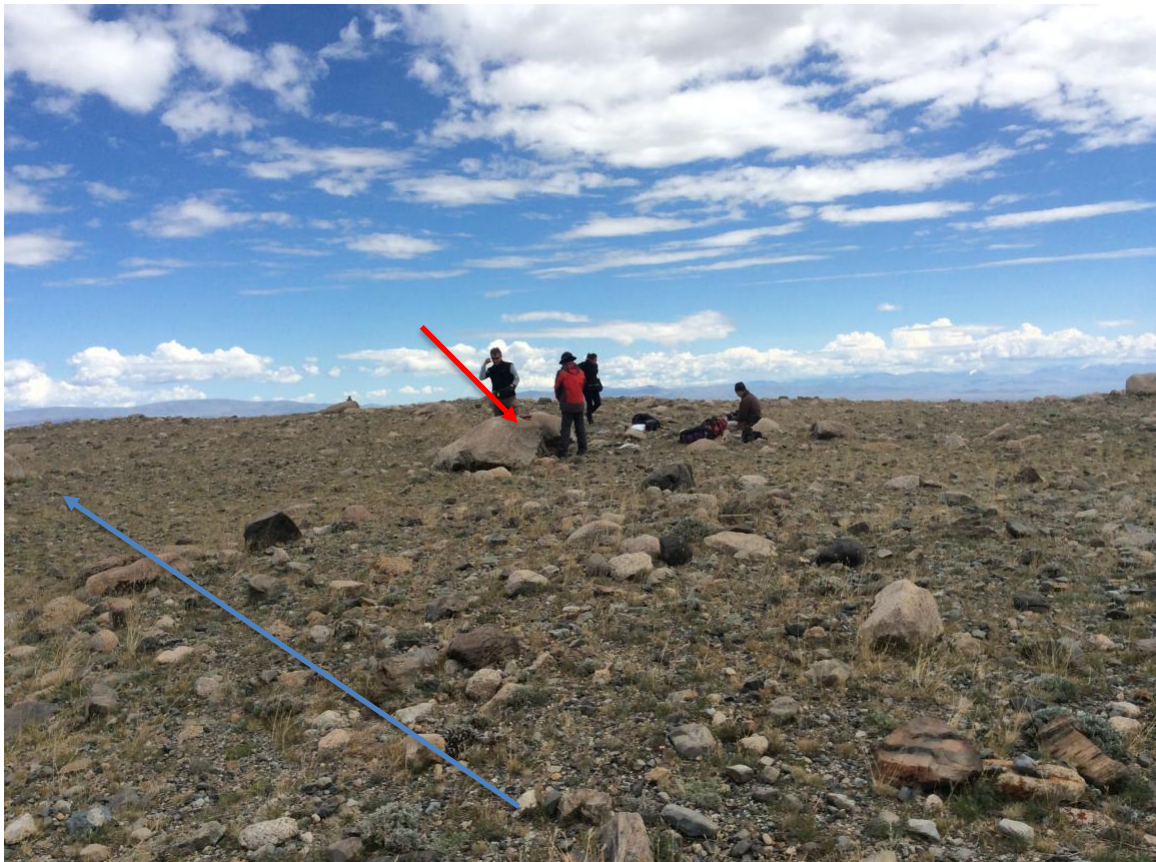
Coarse-grained granitic boulder on the right-lateral outermost moraine in the Torgen-Asgat catchment of the Ikh Torgen Mountains. Moraine surface contain high concentration of boulders and the highest crest is clearly distinguished. Boulder surface is slightly weathered with varnish cover and lichens on the sides. Dimensions: 0.8 m x 1.5 m x 2.1 m. Sample taken from on top of boulder. Same surface as AL14-01.



Blue arrow is generalized ice flow direction.

AL14-03 [TUR 2]

Coarse-grained granitic boulder on the right-lateral outermost moraine in the Torgen-Asgat catchment of the Ikh Torgen Mountains. Moraine surface contain high concentration of boulders and the highest crest is clearly distinguished. Boulder surface is slightly weathered with varnish cover and lichens on the sides. Dimensions: 0.9 m x 1.8 m x 2.3 m. Sample taken from on top of boulder. Same surface as AL14-01 and -02.



Blue arrow is generalized ice flow direction.

AL14-04 [TUR 2]

Coarse-grained granitic boulder on the right-lateral outermost moraine in the Torgen-Asgat catchment of the Ikh Torgen Mountains. Moraine surface contain high concentration of boulders and the highest crest is clearly distinguished. Boulder surface is slightly weathered with varnish cover and lichens on the sides. Dimensions: 0.7 m x 1.5 m x 1.7 m. Sample taken from on top of boulder. Same surface as AL14-01, -02 and -03.



Blue arrow is generalized ice flow direction.

AL14-05 [TUR 2]

Coarse-grained granitic boulder on the right-lateral outermost moraine in the Turgen-Asgat catchment of the Ikh Turgen Mountains. Moraine surface contain high concentration of boulders and the highest crest is clearly distinguished. Boulder surface is slightly weathered with varnish cover and lichens on the sides. Dimensions: 1.7 m x 1.9 m x 2.1 m. Sample taken from on top of boulder. Same surface as AL14-01, -02, -03 and -04.



Blue arrow is generalized ice flow direction.

AL14-06 [TUR 1]

Coarse-grained granitic boulder on the right-lateral innermost moraine in the Torgen-Asgat catchment of the Ikh Torgen Mountains. Moraine surface contain high concentration of boulders and the highest crest is clearly distinguished. Boulder surface is slightly weathered with varnish cover and lichens on the sides. Dimensions: 0.8 m x 1.0 m x 1.4 m. Sample taken from on top of boulder.



Blue arrow is generalized ice flow direction.

AL14-07 [TUR 1]

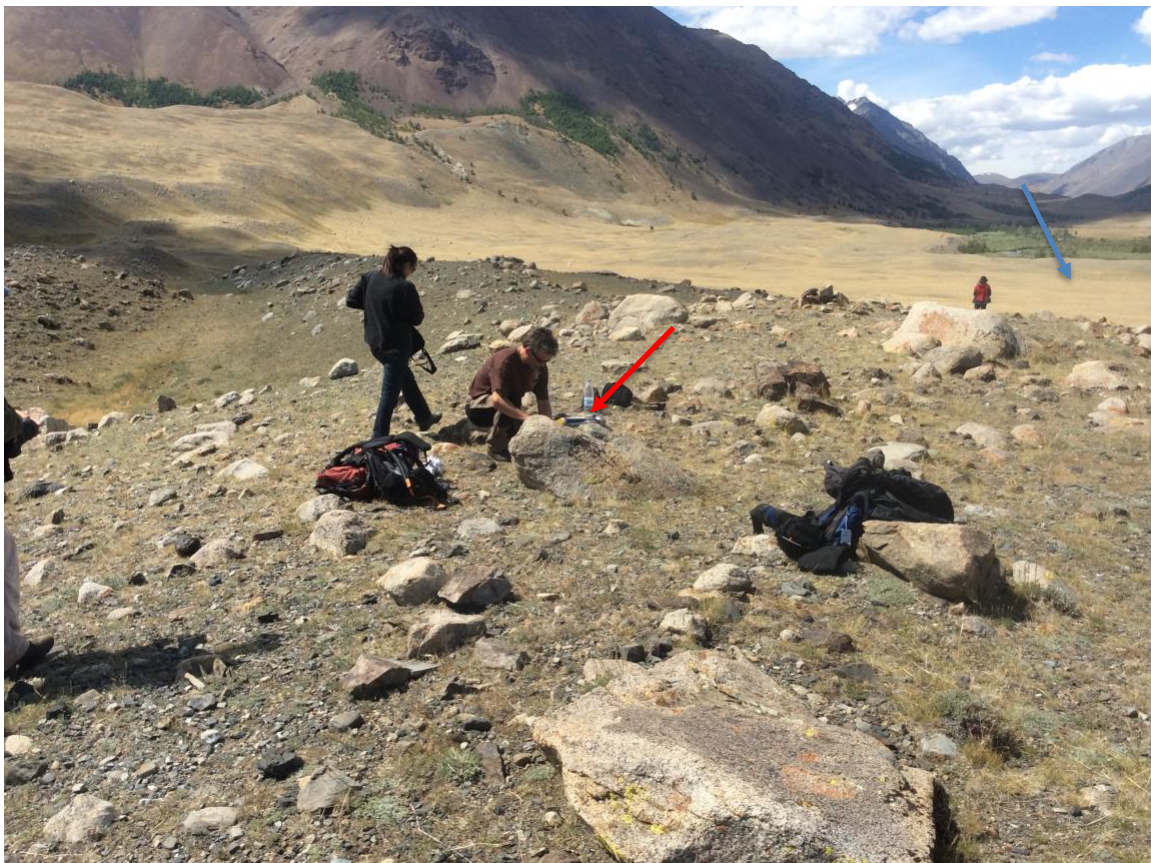
Coarse-grained granitic boulder on the right-lateral innermost moraine in the Torgen-Asgat catchment of the Ikh Torgen Mountains. Moraine surface contain high concentration of boulders and the highest crest is clearly distinguished. Boulder surface is slightly weathered with varnish cover and lichens on the sides. Dimensions: 1.1 m x 1.6 m x 2.3 m. Sample taken from on top of boulder. Same surface as AL14-06.



Blue arrow is generalized ice flow direction.

AL14-08 [TUR 1]

Coarse-grained granitic boulder on the right-lateral innermost moraine in the Torgen-Asgat catchment of the Ikh Torgen Mountains. Moraine surface contain high concentration of boulders and the highest crest is clearly distinguished. Boulder surface is slightly weathered with varnish cover and lichens on the sides. Dimensions: 0.6 m x 1.1 m x 1.3 m. Sample taken from on top of boulder. Same surface as AL14-06 and -07.



Blue arrow is generalized ice flow direction.

AL14-09 [TUR 1]

Coarse-grained granitic boulder on the right-lateral innermost moraine in the Torgen-Asgat catchment of the Ikh Torgen Mountains. Moraine surface contain high concentration of boulders and the highest crest is clearly distinguished. Boulder surface is slightly weathered with varnish cover and lichens on the sides. Dimensions: 0.9 m x 1.8 m x 2.4 m. Sample taken from on top of boulder. Same surface as AL14-06, -07 and -08.



AL14-10 [TUR 1]

Coarse-grained granitic boulder on the right-lateral innermost moraine in the Torgen-Asgat catchment of the Ikh Torgen Mountains. Moraine surface contain high concentration of boulders and the highest crest is clearly distinguished. Boulder surface is slightly weathered with varnish cover and lichens on the sides. Dimensions: 1.0 m x 1.9 m x 1.9 m. Sample taken from on top of boulder. Same surface as AL14-06, -07, -08 and -09.



Blue arrow is generalized ice flow direction.

AI-13-C-017 [BOG 2]

Medium to coarse-grained granitic boulder on top of the outer left-lateral moraine ridge surrounded by hummocky terrain in the Boguty catchment of the Ikh Turgen Mountains. Boulder surface is lightly varnished with moderate lichen cover. Dimensions: 0.7 m x 1.7 m x 1.9 m. Dip/dip direction: 290°/10°. Sample taken from on top of boulder.



Blue arrow is generalized ice flow direction.

AI-13-C-018 [BOG 2]

Medium to coarse-grained granitic boulder on top of the outer left-lateral moraine ridge surrounded by hummocky terrain in the Boguty catchment, Ikh Turgen Mountains. Boulder surface is lightly varnished with moderate lichen cover. Dimensions: 0.5 m x 1.0 m x 1.1 m. Dip/dip direction: 24°/23°. Sample taken from on top of boulder. Same surface as AL-13-C-017.



Blue arrow is generalized ice flow direction.

AI-13-C-019 [BOG 2]

Medium to coarse-grained granitic boulder on top of the outer left-lateral moraine ridge surrounded by hummocky terrain in the Boguty catchment, Ikh Turgen Mountains. Boulder surface is lightly varnished with moderate lichen cover. Dimensions: 0.7 m x 1.5 m x 1.6 m. Dip/dip direction: No measurement was taken. Sample taken from on top of boulder. Same surface as AL-13-C-017 and -018.



Blue arrow is generalized ice flow direction.

AI-13-C-020 [BOG 2]

Medium to coarse-grained granitic boulder on top of the outer left-lateral moraine ridge surrounded by hummocky terrain in the Boguty catchment, Ikh Turgan Mountains. Boulder surface is lightly varnished with moderate lichen cover. Dimensions: 1.0 m x 2.7 m x 5.2 m. Dip/dip direction: No measurement was taken. Sample taken from on top of boulder. Same surface as AL-13-C-017, -018 and -019.



Blue arrow is generalized ice flow direction.

AI-13-C-013 [BOG 1]

Medium to coarse-grained granitic boulder on top of the inner left-lateral moraine ridge surrounded by hummocky terrain in the Boguty catchment, Ikh Turgan Mountains. Boulder surface is lightly varnished with moderate lichen cover. Dimensions: 1.9 m x 2.6 m x 3.6 m. Dip/dip direction: no measurement taken. Sample taken from on top of boulder.



Blue arrow is generalized ice flow direction.

AI-13-C-014 [BOG 1]

Medium to coarse-grained granitic boulder on top of inner left-lateral moraine ridge surrounded by hummocky terrain in the Boguty catchment, Ikh Turgen Mountains. Boulder surface is lightly varnished with moderate lichen cover. Dimensions: 0.9 m x 1.4 m x 1.7 m. Dip/dip direction: no measurement taken. Sample taken from on top of boulder. Same surface as AL-13-C-013.



Blue arrow is generalized ice flow direction.

AI-13-C-015 [BOG 1]

Medium to coarse-grained granitic boulder on top of the inner left-lateral moraine ridge surrounded by hummocky terrain in The Boguty catchment, Ikh Turgen Mountains. Boulder surface is lightly varnished with moderate lichen cover. Dimensions: 0.6 m x 0.8 m x 1.4 m. Dip/dip direction: no measurement taken. Sample taken from on top of boulder. Same surface as AL-13-C-013 and -014.



Blue arrow is generalized ice flow direction.

AI-13-C-016 [BOG 1]

Medium to coarse-grained granitic boulder on top of the inner left-lateral moraine ridge surrounded by hummocky terrain in the Boguty catchment, Ikh Turgen Mountains. Boulder surface is lightly varnished with moderate lichen cover. Dimensions: 0.8 m x 1.8 m x 2.2 m. Dip/dip direction: 0°/13°. Sample taken from on top of boulder. Same surface as AL-13-C-013, -014 and -015.



Blue arrow is generalized ice flow direction.