Data Repository Item A - Sample location information

Sample name	Sample location	Lat (°N)	Long (°W)	Elevation (meters)
Colorado Creek lavas				
062411JT7	Colorado Creek	63.31595	149.73285	-
062411JT6	Colorado Creek	63.31445	149.73033	-
062411JT5	Colorado Creek	63.31346	149.72993	-
062411JT4	Colorado Creek	63.31253	149.73018	-
062411JT3	Colorado Creek	63.29566	149.73020	-
Cantwell Formation bentonites				
East Fork East Bank	East Fork Toklat River	63.5745	149.8315	956
East Fork West Bank	East Fork Toklat River	63.5961	149.8941	849
East Fork West Bank (Pb loss)	East Fork Toklat River	63.5961	149.8941	849
Brown Ash	Tattler Creek	63.5806	149.6857	1461
White Ash	Tattler Creek	63.5806	149.6857	1464
01LTC	Igloo Creek	63.5733	149.6343	1035
02LTC	Igloo Creek	63.5818	149.6434	1275
03LTC	Igloo Creek	63.5857	149.6606	1504
03POLY	Polychrome Mountain	63.5423	149.9058	1348
01DOB	Double Mountain	63.6104	149.4858	1284
01DOB (Pb loss)	Double Mountain	63.6104	149.4858	1284
03DOB	Double Mountain	63.6088	149.4820	1434
04DOB	Double Mountain	63.6081	149.4819	1450
05DOB	Double Mountain	63.6076	149.4816	1480
Colorado Creek sandstones				
062411JT1	Colorado Creek	63.3067	149.7329	-
062411JT8 (igneous clast)	Colorado Creek	63.3066	149.7318	-
062411JT9	Colorado Creek	63.3067	149.7302	-
062411JT11	Colorado Creek	63.3081	149.7239	-
Mafic dikes near Denali Fault				
28CHED WR#L1	Foraker Glacier	63.0514	151.3755	2253
02PETER WR#L1	Peter's Glacier	63.1677	151.1632	2472
24PETER WR#L1	Peter's Glacier	63.2052	150.9168	1519
25PETER WR#L1	Peter's Glacier	63.2056	150.9151	1529
30PETER WR#L1	Peter's Glacier	63.2361	150.7383	2002
55NEN WR#L1	Nenana Glacier	63.5104	147.7665	1369
02BAL WR#L1	Mount Balchan	63.6169	146.8887	2273
07BAL WR#L1	Mount Balchan	63.6201	146.9245	2092
28BAL WR#L1	Mount Balchan	63.6139	146.8696	2693
10910DIKE WR#L1	Peak east of Mount Balchan	63.6110	146.7878	2825
JB09MUD	Muldrow Glacier	63.2054	150.8519	-
JB10MUD	Muldrow Glacier	63.2092	150.8382	-
JB15AMUD	Muldrow Glacier	63.2436	150.6471	-
JBAUG	Augustana Pass	63.4349	145.9843	-
Related, previously dated volcanic rocks				
Sugarloaf volcano rhyolite	Sugarloaf Mountain	63.7517	148.7900	1117
05RN269A dacite		64.0000	148.5702	970
Modern detrital sand				
01TEK	Teklanika River at Park Road Bridge	63.6357	149.5611	820
Susitna Glacier	Susitna Glacier terminus	63.4191	147.2222	818
West Fork Glacier	West Fork Glacier terminus	63.3496	147.5224	805

Note: datum WGS84 for all samples