

Supplementary Material 1: Locations of field photographs (*) and samples used for whole-rock geochemistry

Location Number	Latitude	Longitude	Location Number	Latitude	Longitude
AT2B* ^{&}	12°44.194	77°16.785	AT52 ^{&}	12°44.064	77°21.713
AT3B* ^{&}	12°45.011	77°17.095	AT53A ^{&}	12°44.222	77°21.955
AT4 ^{&}	12°45.291	77°17.313	AT54 ^{&}	12°44.312	77°22.390
AT5A ^{&}	12°51.820	77°17.749	AT57A* ^{&}	12°43.941	77°18.547
AT7A ^{&}	12°55.779	77°15.268	AT57B ^{&}	12°43.941	77°18.547
AT8 ^{&}	12°46.024	77°20.038	AT59A ^{&}	12°44.909	77°20.397
AT9C ^{&}	12°46.908	77°21.703	AT59C ^{&}	12°44.909	77°20.397
AT14*	12°44.478	77°18.745	AT60* ^{&}	12°46.104	77°19.352
AT15A* ^{&}	12°43.909	77°15.250	AT62 ^{&}	12°47.794	77°19.469
AT24*	12°45.082	77°17.684	AT64B ^{&}	12°41.940	77°16.300
AT28A ^{&}	12°48.773	77°19.145	AT64C ^{&}	12°41.940	77°16.300
AT28B ^{&}	12°48.773	77°19.145	AT73B ^{&}	12°49.080	77°19.460
AT29B ^{&}	12°49.869	77°19.592	AT75 ^{&}	12°49.657	77°18.519
AT30A ^{&}	12°50.095	77°19.666	AT103*	12°50.469	77°16.158
AT38B* ^{&}	12°52.823	77°20.986	AT142*	12°52.261	77°19.474
AT42B ^{&}	12°44.666	77°15.611	233*	12°57.560	77°01.392
AT44B ^{&}	12°46.108	77°15.387	241*	12°27.579	76°44.598
AT45*	12°46.648	77°16.172	MR07/23 ^{&}	12°43.053	77°15.578
AT49B ^{&}	12°41.569	77°19.263			

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