MATERIAL CHANGE REPORT

FORM 51-102F3

National Instrument 51-102

This is a Material Change Report Under Subsection 7.1(1)(b) of National Instrument 51-102.

ITEM 1: NAME AND ADDRESS OF COMPANY

Nanika Resources Inc. (herein called either the “Company” or “Nanika”)
Suite 725-625 Howe Street
Vancouver BC V6C 2T6

ITEM 2: DATE OF MATERIAL CHANGE

July 20, 2010

ITEM 3: NEWS RELEASE

August 12, 2010

ITEM 4: SUMMARY OF MATERIAL CHANGE

Nanika obtained results from the first ever phase of exploration conducted from June 18 to June 27, 2010, on its newly acquired, 100% owned Bulldog Creek property.

ITEM 5: FULL DESCRIPTION OF MATERIAL CHANGE

The Company has received results from the first ever phase of exploration conducted from June 18 to June 27, 2010, on its newly acquired, 100% owned Bulldog Creek property. Nanika’s “Bulldog” property is located approximately 10 kilometres south of Stewart, BC, on Bulldog Creek and consists of seven contiguous claims totaling 4,219.5 acres, or 1,707.5 hectares. There are no underlying crown grants to any of these claims.

During the program a total of 86 rock samples and 96 soil samples in 4 soil lines were collected. Rock samples included 11 chip, 11 grab and 64 float samples. The bulk of the samples were collected on the west side of Bulldog Creek on claim number 644423 (the “Big Gold” claim), where Nanika’s exploration crew encountered diverse mineralization occurring on the contact between Jurassic volcanic rocks and the Coast Plutonic Complex.

The highest gold value came from a grab sample from a 5 cm wide quartz vein with 3 to 5% pyrite sampled on the northeast side of Bulldog Creek. Sample AB-93 collected from this vein yielded 9.98 g/t gold and 50.3 g/t silver.

“These initial results are particularly inspiring because the Bulldog Creek property has never before been the subject of mineral exploration, not even on the mineral outcroppings, according to all the historic Government of British Columbia Minfile reports we’ve examined,” pointed out James D. Jacuta, Nanika’s Chief Executive Officer.

Mineralization discovered by Nanika's crew is associated with quartz veins, quartz cemented breccias, stockwork and skarn. Sulphides include pyrite with lesser sphalerite, galena and chalcopyrite. Traced along a 1.5 km long section of the Bulldog Creek valley, the mineralized zone is open on both ends.

Several samples collected during the program recorded highly anomalous values in gold, silver and base metals. Sample AB-37A returned 6.75 g/t gold, 221.3 g/t silver, 0.066% copper, 0.81% lead and 0.44% zinc. This sample came from angular float 30 by 10 cm in size of quartz vein with 3 to 5% pyrite and minor chalcopyrite, galena and sphalerite. In another area located 1.5 km to the northwest from sample AB-37A, float sample AB-104J assayed 2.78 g/t gold, 400.6 g/t silver and 1.81% copper. The sample came from angular float 20 by 10 cm in size of aphanitic andesite mineralized with 3 to 5% chalcopyrite and 1 to 2% sphalerite and galena. Another float sample from the same area (sample AB-104D) returned 5.06 g/t gold, 564.9 g/t silver and greater than 3.5% copper. That float is angular, 15 by 15 cm in size, composed of 60 to 70% coarse grained pyrite and 5 to 10% chalcopyrite. All of these highly anomalous float samples are of local origin collected in subsidiary creeks on the southwest side of Bulldog creek. Their source is located in the upper portions of these creeks.

Nanika's management is currently reviewing work plans to evaluate the next phase of work that can be quickly undertaken on Bulldog Creek.

All samples were analysed by Assayers Canada, an experienced, and ISO- 9001 certified lab based in Vancouver, BC.

ITEM 6: RELIANCE OF SUBSECTION 7.1(2) of NATIONAL INSTRUMENT 51-102

Not applicable.

ITEM 7: OMITTED INFORMATION

Not applicable.

ITEM 8: EXECUTIVE OFFICER

James Jacuta
Chief Executive Officer
Business telephone: 604-638-0699

ITEM 9: DATE OF REPORT

Dated September 13, 2010.