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PhotoSat completes stereo satellite elevation mapping for Avalon Rare Metal's Nechalaco Deposit at Thor Lake Project NWT.

PhotoSat has completed digital elevation mapping of Avalon's Nechalaco rare metals deposit at Thor Lake NWT using stereo satellite photos from WorldView-2, the world's newest commercial high resolution imaging satellite. The WorldView-2 satellite is owned by DigitalGlobe of Longmont Colorado, the world's largest commercial satellite company. The 100 square kilometre digital elevation map consists of an elevation point every metre and contours with 1m elevation intervals. Based on comparisons between the stereo satellite elevation mapping and thousands of ground survey points on similar projects, the accuracy of the stereo satellite elevation mapping is expected to be better than 50cm in elevation in areas of bare ground and 1 metre in elevation in the tree covered areas. The stereo satellite elevation mapping will be used for planning and engineering studies for the Nechalacho rare metals deposit.

"We are delighted to have the opportunity to be able to provide the newest high resolution stereo satellite photos and elevation processing technology to advance Avalon's Nechalaco rare earth project with its potential to advance green energy technology and other high-tech applications" says PhotoSat president Gerry Mitchell.

For more information on our mapping accuracies, go to <http://www.photosat.ca/resources.php#main=papers.php>

About PhotoSat

PhotoSat is a team of geophysicists and associated geoscientists specializing in the computer processing of high definition elevation data from stereo satellite photos. These detailed elevation maps are used for the identification, evaluation, and monitoring of natural resources and the planning and design of resource development projects and their related facilities and infrastructure. Our goal is to provide satellite photos and derived high definition elevation and other datasets that enable decision makers in the resource industries to make better decisions in less time. Our principal clients are mining, oil and gas, engineering and environmental companies and government agencies.

About Avalon Rare Metals Inc. (TSX:AVL)(OTCQX:AVARF)

Avalon Rare Metals Inc. is a mineral exploration and development company focused on rare metals deposits in Canada. Its flagship project, the 100%-owned Nechalacho Deposit, Thor Lake, NWT, is emerging as one of the largest undeveloped rare earth elements resources in the world. Its exceptional enrichment in the more valuable 'heavy' rare earth elements, which are key to enabling advances in green energy technology and other growing high-tech applications, is one of the few potential sources of these critical elements outside of China, currently the source of 95% of world supply. Avalon is well funded, has no debt and its work programs are progressing steadily. Social responsibility and environmental stewardship are corporate cornerstones. Avalon's performance on community engagement in the north earned it the 2010 PDAC Environmental and Social Responsibility Award.

Option agreements with others who can acquire an interest in a project by making payments and exploration expenditures. Through this means the company has been able to expose its shareholders to discovery and capital gain without the funding and consequent share dilution that would be required if the company were to have developed these projects without a partner. The company intends to expand this business model, described by some as prospect generation, by more aggressively exploring several of its projects including the Ixtaca Zone.