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TTM RECEIVES REVISED RESOURCE ESTIMATE FOR CHU MOLYBDENUM PROJECT

MEASURED AND INDICATED RESOURCE INCREASED BY 18%
Measured 159,080,000 tonnes 0.061% Mo, 0.035% Cu (at 0.04% Mo cutoff)
Indicated 211,550,000 tonnes 0.057% Mo, 0.035% Cu (at 0.04% Mo cutoff)
Inferred 256,560,000 tonnes 0.052% Mo, 0.036% Cu (at 0.04% Mo cutoff)

Vancouver, B.C., May 20, 2010 – W. K. Crichy Clarke, President and CEO of TTM Resources Inc. (“TTM” or the “Company”) announces that the Company is in receipt of an updated Resource Estimate from Gary Giroux of Giroux Consultants Inc. of Vancouver, B.C. for its 100% owned Chu Molybdenum Project located 65 kilometers southwest of Vanderhoof, British Columbia, Canada. The updated Resource Estimate has been incorporated into a revised Preliminary Economic Assessment (“PEA”) prepared by Moose Mountain Technical Services (“Moose Mountain”) of Calgary, Alberta.

Revised Resource Estimate and Preliminary Economic Assessment

The Company has received an updated Resource Estimate from Giroux Consultants Inc., of Vancouver, B.C. The revised estimate was calculated by incorporating the 2009 and 2010 drilling campaigns (13 drill holes totaling 5,894 meters) that occurred subsequent to the previous resource estimate announced in the Company’s Feb 27, 2009 press release, which incorporated all holes drilled to the end of 2008. The Mineral Resource Estimate at the Company’s 100% owned Chu Molybdenum project using a 0.04% Mo cutoff now stands at: **Measured 159 million tonnes at an average grade of 0.061% Mo and 0.035% Cu** (214 million lbs molybdenum, 122.8 million lbs copper), **Indicated 211 million tonnes at an average grade of 0.057% Mo and 0.035% Cu** (265.9 million lbs molybdenum, 163 million lbs copper), and **Inferred 256 million tonnes at an average grade of 0.052% Mo and 0.036% Cu** (294.2 million lbs molybdenum, 203 million lbs copper). The Measured plus Indicated resource totals 370 million tonnes at a grade of 0.059% Mo and 0.035% Cu (482.2 million lbs of molybdenum, 286.1 million lbs copper). The Measured and Indicated resource tonnage has increased by 18% while the contained molybdenum and copper have increased by 16% and 12% respectively over the previous estimate. The Resource Estimate is tabulated at various cutoffs and shown on the tables below:

CHU PROJECT - MEASURED RESOURCE					
Mo Cutoff	Tonnes > Cutoff	Grade > Cutoff			
(%)	(tonnes)	Mo %	Cu (%)	Million lbs Mo	Million lbs Cu
0.02	286,070,000	0.047	0.034	296.5	214.5
0.03	222,820,000	0.053	0.035	260.4	172.0
0.04	159,080,000	0.061	0.035	214.0	122.8
0.05	100,380,000	0.070	0.035	154.9	77.5
0.06	61,080,000	0.080	0.036	107.7	48.5
0.07	35,990,000	0.090	0.037	71.4	29.4
0.08	21,450,000	0.101	0.039	47.8	18.4
0.09	13,190,000	0.111	0.041	32.3	11.9
0.10	8,340,000	0.120	0.043	22.1	7.9

CHU PROJECT - INDICATED RESOURCE

Mo Cutoff	Tonnes > Cutoff	Grade > Cutoff			
(%)	(tonnes)	Mo %	Cu (%)	Million lbs Mo	Million lbs Cu
0.02	508,910,000	0.041	0.033	460.1	370.3
0.03	345,970,000	0.049	0.035	373.8	267.0
0.04	211,550,000	0.057	0.035	265.9	163.3
0.05	119,340,000	0.067	0.036	176.3	94.7
0.06	67,990,000	0.077	0.036	115.4	54.0
0.07	38,880,000	0.086	0.036	73.7	30.9
0.08	21,720,000	0.095	0.037	45.5	17.7
0.09	11,830,000	0.104	0.039	27.1	10.2
0.10	5,920,000	0.114	0.040	14.9	5.2

CHU PROJECT - INFERRED RESOURCE

Mo Cutoff	Tonnes > Cutoff	Grade > Cutoff			
(%)	(tonnes)	Mo %	Cu (%)	Million lbs Mo	Million lbs Cu
0.02	969,050,000	0.035	0.032	747.9	683.8
0.03	531,590,000	0.043	0.034	504.0	398.5
0.04	256,560,000	0.052	0.036	294.2	203.7
0.05	113,320,000	0.062	0.037	154.9	92.5
0.06	52,160,000	0.072	0.039	82.8	44.9
0.07	23,950,000	0.080	0.042	42.2	22.2
0.08	9,910,000	0.088	0.048	19.2	10.5
0.09	3,080,000	0.098	0.052	6.7	3.5
0.10	910,000	0.109	0.052	2.2	1.0



CHU PROJECT - MEASURED PLUS INDICATED RESOURCE

Mo Cutoff (%)	Tonnes > Cutoff (tonnes)	Grade > Cutoff			
		Mo %	Cu (%)	Million lbs Mo	Million lbs Cu
0.02	795,040,000	0.043	0.034	753.8	596.0
0.03	568,830,000	0.050	0.035	627.1	439.0
0.04	370,640,000	0.059	0.035	482.2	286.0
0.05	219,720,000	0.068	0.036	329.4	174.4
0.06	129,060,000	0.078	0.036	222.0	102.4
0.07	74,880,000	0.088	0.037	145.3	61.1
0.08	43,170,000	0.098	0.038	93.3	36.2
0.09	25,010,000	0.108	0.040	59.6	22.1
0.10	14,260,000	0.118	0.042	37.1	13.2

Resource Criteria: The mineral resources mentioned above are defined in terms of the NI 43-101 regulations and their estimation was carried out using industry standard practices using ordinary kriging of blocks measuring 20 x 20 x 10 meters. The mineral resources are undiluted and a total of 12 assays were capped at 0.54 % Mo. Measured mineral resources were produced using a search ellipse with dimensions equal to ¼ the semivariogram range, Indicated mineral resource estimates were produced using a search ellipse with dimensions equal to ½ the semivariogram range. Individual specific gravity on each lithology was used to calculate tonnage and ranged from 2.63 to 2.74 based on 328 measurements. Assay results from 135 diamond drill holes totaling 73,690 meters were used. A total of 25,326 Mo assay and 24,841 Cu assay intersections made up the resource database.

Mr. Crichy Clarke, the Company's President and CEO commented as follows: "We are very pleased with the upgrade of our total resource as well as the upgrade in quantity in our proposed pit. That was our goal from the last resource estimate and I believe we have done an exceptional job at accomplishing it. We continue to use 0.04% Mo as cutoff and are pleased with that increased contribution to the revised Preliminary Economic Assessment."

The Resource Estimate will be incorporated into a revised Preliminary Economic Assessment ("PEA"), which is being prepared by Moose Mountain Technical Services ("Moose Mountain") of Calgary, Alberta. The revised PEA will define mining limits, pit designs, tailing facilities and metallurgy. Moose Mountain will present their Assessment to the Company in early June 2010.

Mr. Clarke comments: "This updated Preliminary Economic Assessment will be issued in its final form within 45 days. With the results from this study, the Company will continue its ongoing negotiations with Chinese multinational mining concerns, as we pursue strategic alliances to advance the Chu Molybdenum Deposit to production. We will keep our shareholders aware of our progress. It is a very exciting time for this Company."

Mr. Clarke further states: "The revised PEA will use measured, indicated and inferred resources which will allow the Company to advance the project to a Pre-Feasibility stage which is the final piece of the puzzle as recommended by Moose Mountain. Recommendations for the previous PEA completed in 2008 and undertaken in 2009 and early 2010, assisted the Company in determining that the planned tailings pond should be moved from the northwest to the west of the open pit area. By taking advantage of the natural slope of the terrain, waste rock (sludge) can be transported downhill and water returned uphill resulting in a tremendous dollar savings in production costs for the Chu."



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Additional information on the Chu Property is provided on the Company's website at <http://www.ttmresources.ca>.

The Company has in place a comprehensive quality assurance/quality control program including standards, blanks and duplicate samples that form part of the sampling protocol. In addition, the laboratory has its own quality assurance program and is ISO 9001:2008 accredited. The technical information in this news release has been prepared in accordance with Canadian regulatory requirements as set out in National Instrument 43-101. The technical information provided in this press release was reviewed by Warren Robb, P. Geo., a qualified person for the purposes of NI 43-101.

ENVIRONMENTAL ASSESSMENT OFFICE APPROVES APPLICATION INFORMATION REQUIREMENTS

The Company has received from the B.C. Environmental Assessment Office the approved Application Information Requirements ("AIR") for the proposed Chu Molybdenum Mine Project. Pursuant to the Section 11 Order dated May 11, 2009 the AIR incorporate First Nations, provincial, federal and local governments, and public comments that are considered to be within the scope of the assessment. The AIR will be posted on the Environmental Assessment Office's Project Information Centre at www.eao.gov.bc.ca.

The Company's Chief Operating Officer, Mr. Warren Robb, P. Geo. states as follows: "This is a big step towards our goal of obtaining permits and moving this project forward. We would like to thank the all the parties from the five First Nations involved, the provincial and federal working groups, the local municipalities and the public that contributed their concerns and opinions in helping to shape the AIR. We now have a clear understanding of what is required to move ahead."

TTM RESOURCES INC.

"Crichy Clarke"

W.K. Crichy Clarke, President, CEO & Director

For further information visit the Company's web site at www.ttmresources.ca or contact:

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS AND INFORMATION

This news release contains certain "forward-looking information" within the meaning of Canadian securities laws. Actual results may differ materially from those indicated by such forward-looking information. All information included herein, other than statements of historical fact, including, without limitation, information regarding future production, is considered forward-looking information and involves various risks and uncertainties. There can be no assurance that the forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.