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SM2180-1
PVC-63

93-02-19

Mr. Leo Gittings
Head, Instrumentation
Department of Commerce
NOAA / NOS
Corbin, VA USA 22446

Dear Mr. Gittings: *Leo*

Enclosed are calibration results for the six (6) NGS rods that we have now delivered to the Corbin lab. Also included are copies of previous reports and a diskette containing pertinent data in the Blue Book format for the nineteen (19) NGS rods calibrated to date. I should note that the work involved in this task was considerably greater than originally estimated.

If you have any questions concerning this data, do not hesitate to contact Wally Gale at (613) 992-2686.

Yours truly,

John Murakami
Chief, Primary Vertical Control
Geodetic Survey of Canada

Encl.

cc: Emery Balazs
Wally Gale

	JENA	INVAR	NGS	HC2
000010*21*31465757	GSD	920312C23.0	.0280	
000020*22*31465757	920312C23.OMTL00080040009004002000070080039999601000500011			
000030*24*31465757	920312C23.OMTL01200600027016008000150200100001602401200007			
000040*24*31465757	920312C23.OMTL02801400045030015000550320160006303601800051			
000050*24*31465757	920312C23.OMTL04002000058044022000480480240004205002500045			
000060*24*31465757	920312C23.OMTL052026000560560280008505922960093			
000070*24*31465757	920312C23.OMTH06150042530065002175110690041749707100517511			
000080*24*31465757	920312C23.OMTH07300617515077008175250810101752208501217531			
000090*24*31465757	920312C23.OMTH08901417545091015175420930161756109701817568			
000100*24*31465757	920312C23.OMTH10102017565105022175651090241757411102517566			
000110*24*31465757	920312C23.OMTH113026175791170281759111992962608			
000120*24*31465757	JENA	INVAR	NGS	HC2
000130*21*31465758	GSD	920312C23.0	-.0080	
000140*22*31465758	920312C23.OMTL00080039994004001999930080039999501000499992			
000150*24*31465758	920312C23.OMTL01200600008016007999920200099999002401199972			
000160*24*31465758	920312C23.OMTL02801399991030014999830320159999503601799995			
000170*24*31465758	920312C23.OMTL04001999990044021999670480239996805002499962			
000180*24*31465758	920312C23.OMTL052025999610560279996905922959977			
000190*24*31465758	920312C23.OMTH06150042523065002175160690041748607100517489			
000200*24*31465758	920312C23.OMTH07300617495077008174890810101748208501217488			
000210*24*31465758	920312C23.OMTH08901417492091015174810930161750609701817513			
000220*24*31465758	920312C23.OMTH10102017491105022174821090241747511102517470			
000230*24*31465758	920312C23.OMTH113026174851170281749811992962505			
000240*24*31465758	JENA	INVAR	NGS	HC2
000250*21*31466812	GSD	920311C23.0	.0130	
000260*22*31466812	920311C23.OMTL00080040019004002000120080039997801000499979			
000270*24*31466812	920311C23.OMTL01200600001016008000430200100002002401200009			
000280*24*31466812	920311C23.OMTL02801400010030015000300320160003603601800042			
000290*24*31466812	920311C23.OMTL04002000030044022000310480240003705002500033			
000300*24*31466812	920311C23.OMTL052026000280560280003305922960052			
000310*24*31466812	920311C23.OMTH06150042488065002174960690041749507100517514			
000320*24*31466812	920311C23.OMTH07300617521077008175150810101750808501217514			
000330*24*31466812	920311C23.OMTH08901417525091015175160930161753309701817535			
000340*24*31466812	920311C23.OMTH10102017520105022175221090241752211102517518			
000350*24*31466812	920311C23.OMTH113026175291170281753011992962538			
000360*24*31466812	JENA	INVAR	NGS	HC2
000370*21*31467599	GSD	920311C23.0	.0180	
000380*22*31467599	920311C23.OMTL00080040019004002000140080039997501000499980			
000390*24*31467599	920311C23.OMTL01200599991016008000230200100005402401200001			
000400*24*31467599	920311C23.OMTL02801400018030015000310320160005803601800045			
000410*24*31467599	920311C23.OMTL04002000041044022000210480240002605002500032			
000420*24*31467599	920311C23.OMTL052026000400560280003605922960053			
000430*24*31467599	920311C23.OMTH06150042500065002174910690041750207100517511			
000440*24*31467599	920311C23.OMTH07300617523077008175290810101752608501217522			
000450*24*31467599	920311C23.OMTH08901417511091015175280930161754909701817557			
000460*24*31467599	920311C23.OMTH10102017554105022175411090241753311102517545			
000470*24*31467599	920311C23.OMTH113026175481170281756011992962566			
000480*24*31467599	JENA	INVAR	NGS	HC2
000490*21*31467600	GSD	920312C23.0	.0130	
000500*22*31467600	920312C23.OMTL00080040018004002000110080040000001000499998			
000510*24*31467600	920312C23.OMTL01200600015016008000200200100003402401200023			
000520*24*31467600				

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of attachment
(for sample)