TOTAL FIELD MAGNETOMETER

SURVEY

ON THE

PARISIEN LAKE PGE PROPERTY

PHASE 2

DISTRICT OF ALGOMA

SUDBURY

6 6 7 6 2

MINING DIVISION

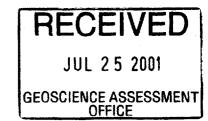
FOR

2.21852

MUSTANG MINERALS CORP.

BY

Dan Patrie



41J08NE2016 2.21852 BOON

Dan Patrie June, 2001

010

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
SUMMARY AND RECOMMENDATIONS	1
LOCATION AND ACCESS	3
GEOLOGY	3
TOPOGRAPHY AND VEGETATION	4
CLAIM DESCRIPTION	4
INSTRUMENTATION AND WORK DONE	5
MAGNETOMETER SURVEY	5
INTERPRETATION	6
CONCLUSIONS	7
RECOMMENDED EXPLORATION PROGRAM	7
PERSONNEL	2.21852
REFERENCES	2. 6
CERTIFICATE OF QUALIFICATION	
LETTER OF CONSENT	

MAGNETIC MAPS

BASE MAP



41J08NE2016 2.21852

÷

INTRODUCTION

Mustang Minerals Corp., acquired a group of unpatented mining claims comprising of 6,500 acres which hosts 90 percent of the East Bull Lake Intrusion. In the District of Algoma Ontario in the Sudbury Mining Division.

As per request of the property owners a follow up phase 2 geophysics program consisting of line cutting and magnetometer survey was done during the month of February was carried out by Dan Patrie Exploration Ltd.

SUMMARY AND RECOMMENDATIONS

The East Bull Lake Parisien Lake PGE Property is located in Northeastern Ontario, District of Algoma, Ontario, Sudbury Mining Division.

Further exploration of the East Bull Lake Parisien Lake PGE Property is warranted in proving its considerable merit in hosting economic PGE mineralization.

A program of 19 kilometers of line cutting and magnetic survey was done on lines between the old lines cut and read in the year 2000 to explore the East Bull Lake Parisien Lake PGE property for its PGE potential.

Due to the lack of geological information the following programs are recommended to complete the evaluation.

- 1. Completion of the grid lines over entire property.
- 2. Humus sampling over anomalous areas to better define drill targets.
- 3. Induced Polarization over all of property.

Following completion of this work and contingent upon the results then additional work should be considered to further evaluate the economic potential of the property for PGE mineralization.

The following report summarizes the results obtained from the work carried out during the current program and the interpretation is speculative.

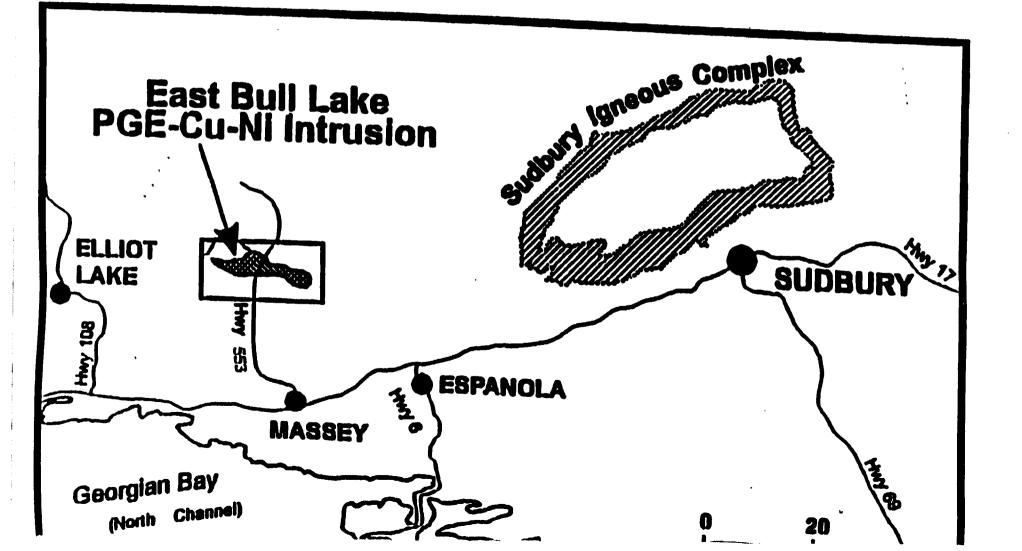
Respectfully submitted,

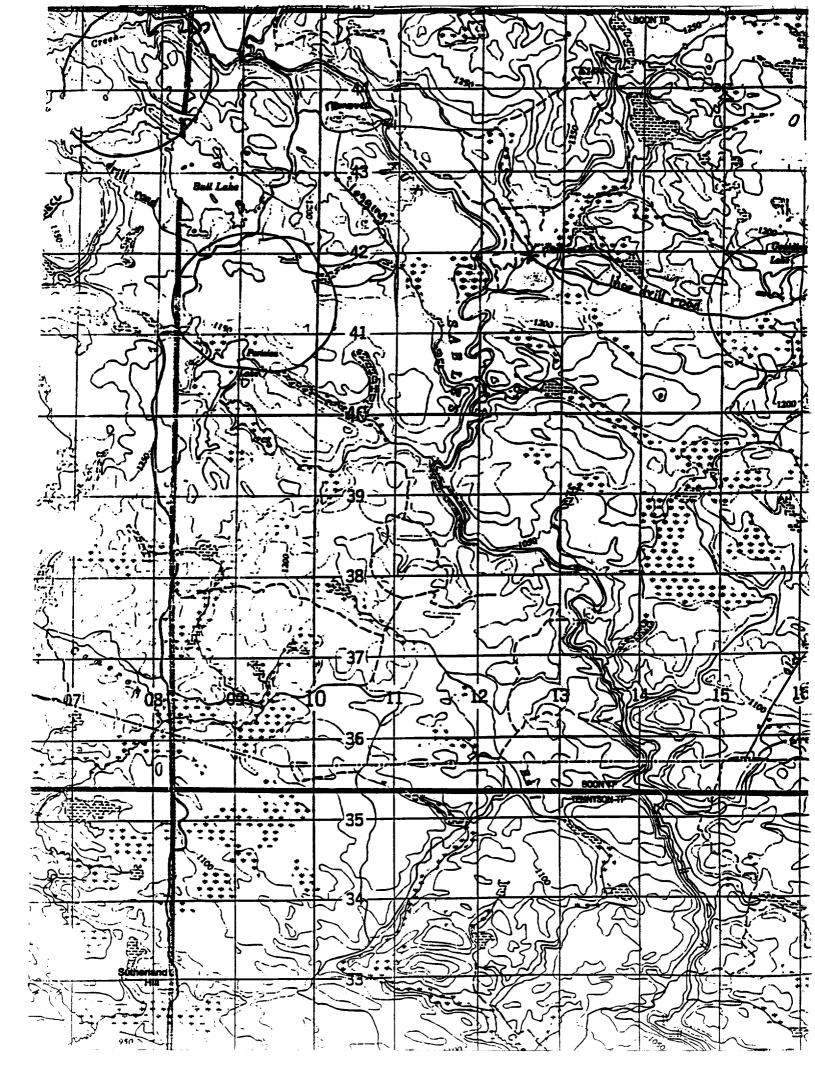
Daniel F. Patrie

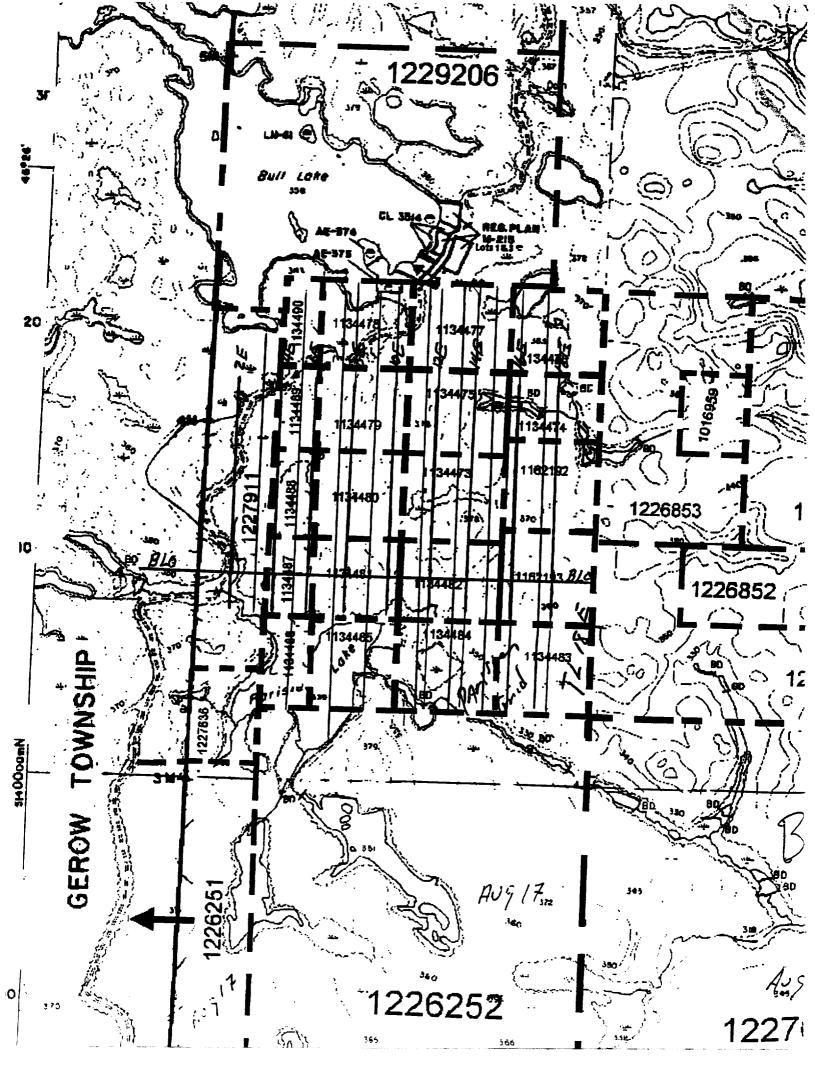
Geology and Geophysics Technologist

June, 2001

EAST BULL LAKE PGE PROPERTY LOCATION MAP







LOCATION AND ACCESS

The East Bull Lake Parisien Lake property is located 80 kilometers west of Sudbury and accessed via highway 553 and approximately 34 kilometers north of the town of Massey. Access to the grid is by using an all terrain vehicle on a series of old logging roads off of highway 553 by turning east 2 kilometer south of the East Bull Lake Lodge and traveling east on a all terrain vehicle across the grid at approximately 400 north to 600 north giving access across all of the grid lines. The grid is situated on the north side of Parisien Lake and an extension and on strike of the Bullfrog zone located directly west.

GEOLOGY

The East Bull Lake Parisien Lake PGE Property of Mustang Minerals Corp., is part of and is located within the East Bull Lake layered Gabbro-Anorthosite Intrusion which is approximately 22 kilometers long and up to 3.5 kilometers wide and averages greater than one kilometer thick.

It is a gabbroic-anorthosite lopolith consisting of three complex, but distinct, cumulate units each of which contains two or more sub-zones. Minerals found are pyrrhotite, chalcopyrite, pyrite and minor pentlandite enriched in, or proximal to palladium-bismuth tellurium compounds and sperylite which occurs predominantly in the feeder and basal cumulate unit, both of which outcrop along the northern and southern margins of the intrusion.

The intrusion is strategically located within the Huronian-Nipissing Magmatic Belt; an arcuate belt of rocks 200 kilometers long originating west of Elliot Lake and continuing to the east of Sudbury.

TOPOGRAPHY AND VEGETATION

The East Bull Lake property is a mixture alders and maple trees with black spruce swamps running between the many outcrops on the property. The outcrops are very rugged and high making the area very difficult to get around.

CLAIM DESCRIPTION

Consisting of 115 unpatented mining claims, the East Bull Lake PGE property, located in the District of Algoma, Sudbury Mining Division.

TABLE 1

EAST BULL LAKE PGE PROPERTY

DISTRICT OF ALGOMA

SUDBURY MINING DIVISION

CLAIM DESCRIPTION

997236 to 997249, 997253 to 997258, 997261 to 997266, 997268 to 997279, 997281 to 997283, 1016959, 1134473 to 1134490, 1136189 to 1136190, 1136197,1162192 to 1162192 to 1162193, 1198295, 1227911, 1229201 to 1229207, 1229454 to 1229455, 1214935, 1226700, 1227909 to 1227910, 1229208 to 1229213, 1231026 to 1231027, 1231030, 1214935, 1231030, 1229207, 997301 to 997305, 997307 to 997309, 997311 to 997317, 997319 to 997321, 997323, 1136194 to 1136196, 1165378 to 1165379.

INSTRUMENTATION AND WORK DONE

MAGNETOMETER SURVEY

The magnetometer survey was carried out using an Envi Magnetometer made by Scintrex Ltd. The Envi Mag has the capability to measure the total field and using an Envi Magnetometer as a station for correcting magnetic drift. These are total field magnetometers which measure the magnetic field through the use of proton processional effects caused by the interaction of a magnetic field with a spin aligned, proton rich fluid. An instrument accuracy precision and resolution of 0.1 nt may be obtained with these instruments under ideal conditions. While in gradient mode the unit has the accurate means of measuring both the total field and the gradient of the total field and measuring both sensors simultaneously to calculate the true gradient. In gradient mode the instrument sharply defines the magnetic responses determined by the total field. It individually delineates closely spaced anomalies rather than collectively identifying them under one broad magnetic response. In gradient mode the instrument enables you to conduct a gradient survey during a magnetic storm because of the technique of simultaneously measuring the two sensors cancels out the effects of diurnal magnetic variations. The VLF allow you to read the vertical in-phase, vertical quadrature, total field strength, dip angle and the ability to obtain as many as 3 VLF stations, but at the time the VLF was not read. Microprocessors contained in these instruments allow for the collection of the readings along with the time and its position in digital form suitable for downloading to a computer for data processing.

A total of 19 kilometers of magnetic readings were taken and readings were taken along the lines 200 meters apart on all between lines that were already read and also the magnetometer was extended to the south across Parisien Lake and some add on to the ends of the lines at the north with 25 meter station intervals. The field measurements were corrected for diurnal variations of the earth's magnetic field by direct subtraction of the base station readings from the reading taken at the same moment in the field units. The corrected data was then downloaded to a computer and plotted on the total field magnetic map.

INTERPRETATION

The second phase magnetic survey was successful in delineated a large magnetic anomaly along the north and the south ends of the grid running in an east west direction across the property and also in the south east corner a magnetic anomaly from 400 north to 600 south and open to the east. Overall the readings were relatively quiet background of 56,500 nT being interrupted with a higher amplitude anomaly in the order of 200-800 nT above background.

Also, there is a large low area running in an east west direction from line 0 to line 1200 east at approximately 100 south to 800 north covering mostly the west side of the grid. The mag anomalies run along the margin of the East Bull Lake Intrusion and open in all directions. These anomalies could be caused by sulphide with a magnetic signature.

Although the total field magnetic survey detected anomalies on the property and is a very good tool to distinguish rock types and contacts using magnetic content of the rocks, although it will not pick up disseminated sulphide. To properly locate areas of disseminated sulphide especially at depth is by doing an induced polarization survey and this survey has proved to be very effective in the past.

Page 6

CONCLUSIONS

With the presence of a favorable geological environment for the localization of PGE mineralization of economic importance to further evaluate the property's potential the writer recommends an on going work program over the remaining claims and areas not already covered on the property, consisting of line cutting, magnetometer and induced polarization surveys to locate areas of disseminated sulphide.

RECOMMENDED EXPLORATION PROGRAM

The following program is recommended to evaluate the property for its potential to host a PGE deposit.

- Complete the line cutting as required to provide a control for geological, geochemical and geophysical work.
- 2. Geochemical sampling over target areas.
- 3. Magnetometer survey over areas not covered.
- 4. Detailed Induced Polarization survey.
- 5. Geological mapping and sampling.
- 6. Stripping, trenching over anomalous areas.

As a result of encouraging data obtained from the recently completed geophysics survey additional exploration on the property is recommended.

Daniel F. Patrie

Geology and Geophysical Technologist

Jato June, 2001

PERSONNEL

Dan Patrie Massey, Ontario

Bryan Patrie Massey, Ontario

Claude Dubreuil Spanish, Ontario

Brent Patrie

Elliot Lake, Ontario

Claude Grimmard Spanish, Ontario

Ron Bilton Massey, Ontario

Bruce Pigeon Espanola, Ontario

Arron Andress

Massey, Ontario

CERTIFICATE OF QUALIFICATION

I, Daniel Patrie do hereby certify:

- That I am a Geology and Geophysics Technologist and I reside at Hwy. 17 West, P.O. Box 45, Massey, Ont., Canada, POP 1P0,
- I graduated from Cambrian College Of Applied Arts and Technology, Sudbury, Ontario, in 1987 with a diploma in Geological Technology with a one year certificate in Geophysics,
- 3. And I have practiced my profession continuously since graduation, as well as being an active prospector since 1972.
- 4. That my report on the East Bull Lake Parisien Lake PGE Property, Sudbury Mining Division, Ontario, is based on my personal knowledge of the geology of the area, and on a review of published and unpublished information on the property and surrounding area.

Daniel F. Patrie Geology and Geophysics Technologist (Dipl. T) June, 2001

LETTER OF CONSENT

I, Daniel F. Patrie, of the Town of Massey, Ontario, do hereby consent to Mustang Minerals Corp., using in whole or in part my Geophysics report on the East Bull Lake Parisien Lake PGE Property situated the District of Algoma, Sudbury Mining Division in a prospectus of statement of material facts or for filing with government regulatory bodies as deemed necessary.

Dated at Massey, Ontario, this 1st day of June, 2001, in the District of Sudbury.

Daniel F. Patrie

Geology and Geophysics Technologist

October

REFERENCES

- D. C. Peck and R. S. James, 1991,
 Open File Report 5813, Geology and Platinum Group Element Sulphide Mineralization,
 East Bull Lake.
- 2. Ken J. Lapiere, Vice President, Exploration, Personal Communication.
- 3. Northern Miner and Press Releases etc.



Work Report Summary

Transaction No:	W0170.30521	Status:	APPROVED
Recording Date:	2001-JUL-25	Work Done from:	2001-FEB-01
Approval Date:	2001-SEP-17	to:	2001-FEB-28

Client(s):

303851 MUSTANG MINERALS CORP.

LC

Survey Type(s):

MAG

Wo	Work Report Details:									
Cla	im#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
S	1134473	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-JUL-23
s	1134474	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-JUL-23
s	1134475	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-JUL-23
s	1134476	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2003-JUL-26
s	1134477	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2003-JUL-26
s	1134478	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2003-JUL-26
s	1134479	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-JUL-26
s	1134480	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-JUL-26
s	1134481	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-JUL-26
s	1134482	\$490	\$490	\$490	\$490	\$0	0	. \$0	\$0	2004-JUL-26
S	1134483	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2003-JUL-26
S	1134484	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2003-JUL-26
S	1134485	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2003-JUL-26
S	1134486	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2003-JUL-26
s	1134487	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-JUL-26
s	1134488	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-JUL-26
s	1134489	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-JUL-26
s	1134490	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2003-JUL-26
s	1162192	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-AUG-31
s	1162193	\$490	\$490	\$490	\$490	\$0	0	\$0	\$0	2004-AUG-31
s	1227911	\$440	\$440	\$440	\$440	\$0	0	\$0	\$0	2002-JUN-09
		\$10,240	\$10,240	\$10,240	\$10,240	\$0	\$0	\$0	\$0	-

Status of claim is based on information currently on record.



41J08NE2016 2.21852 BOON

Ministry of Northern Development and Mines Ministère du Développement du Nord et des Mines

Date: 2001-SEP-18

KEN J. LAPIERRE MUSTANG MINERALS CORP. 1351 E. KELLY LAKE RD. UNIT 8 SUDBURY, ONTARIO P3E 5P5 CANADA GEOSCIENCE ASSESSMENT OFFICE

933 RAMSEY LAKE ROAD, 6th FLOOR SUDBURY, ONTARIO P3E 6B5

Tel: (888) 415-9845 Fax:(877) 670-1555

Submission Number: 2.21852 Transaction Number(s): W0170.30521

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact JIM MCAULEY by email at james.mcauley@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

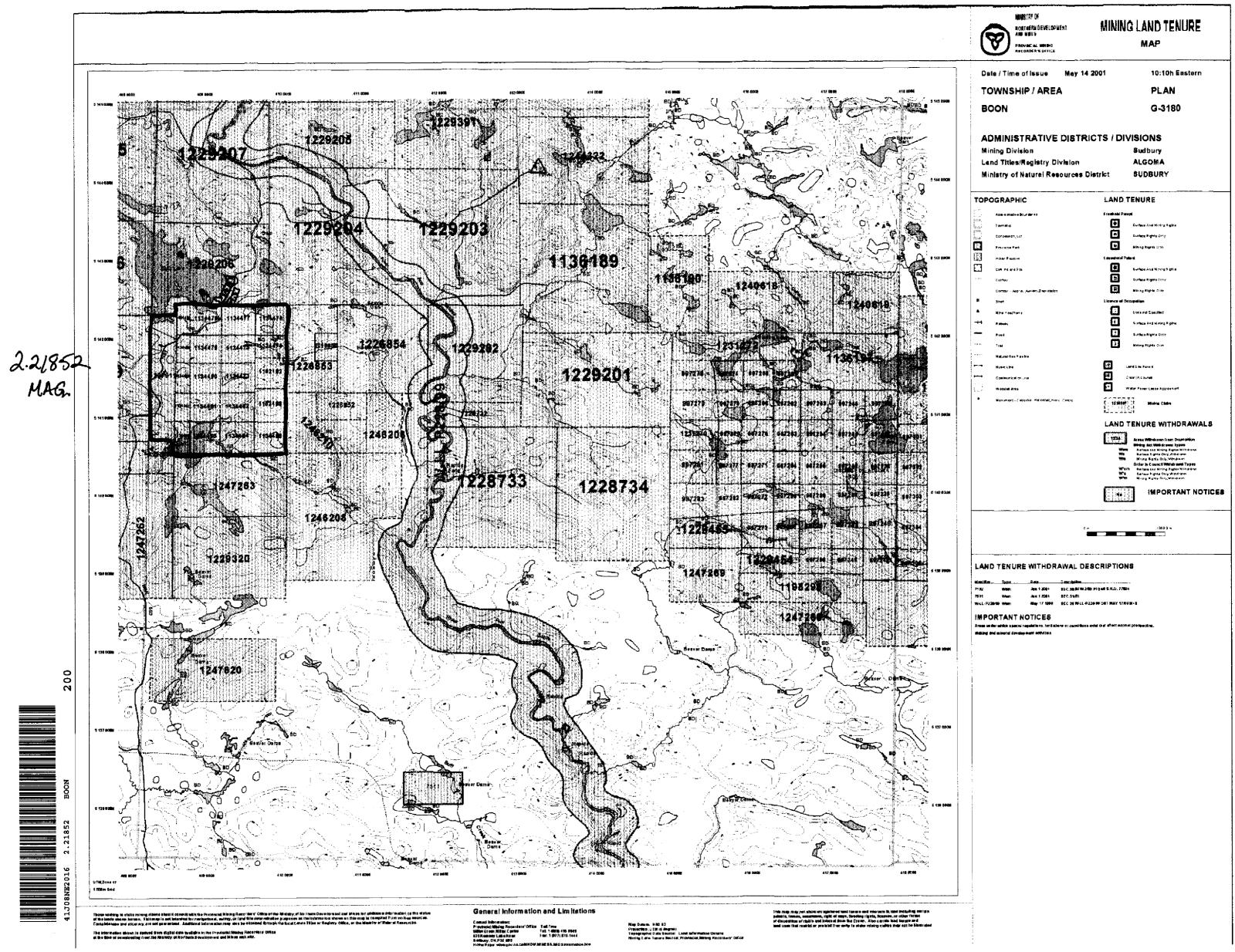
me codi

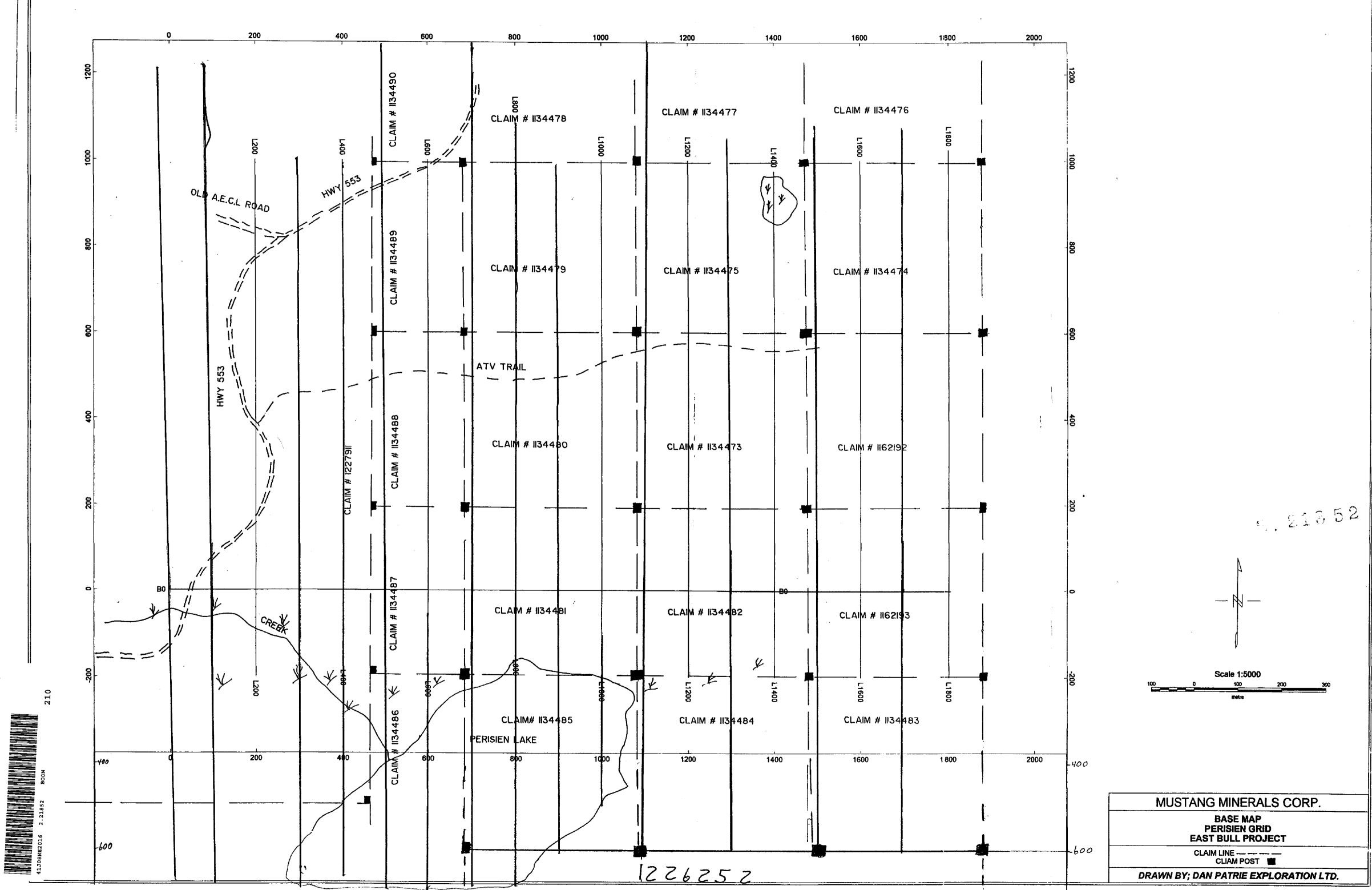
Ron Gashinski Supervisor, Geoscience Assessment Office

Cc: Resident Geologist

Mustang Minerals Corp. (Claim Holder) Assessment File Library

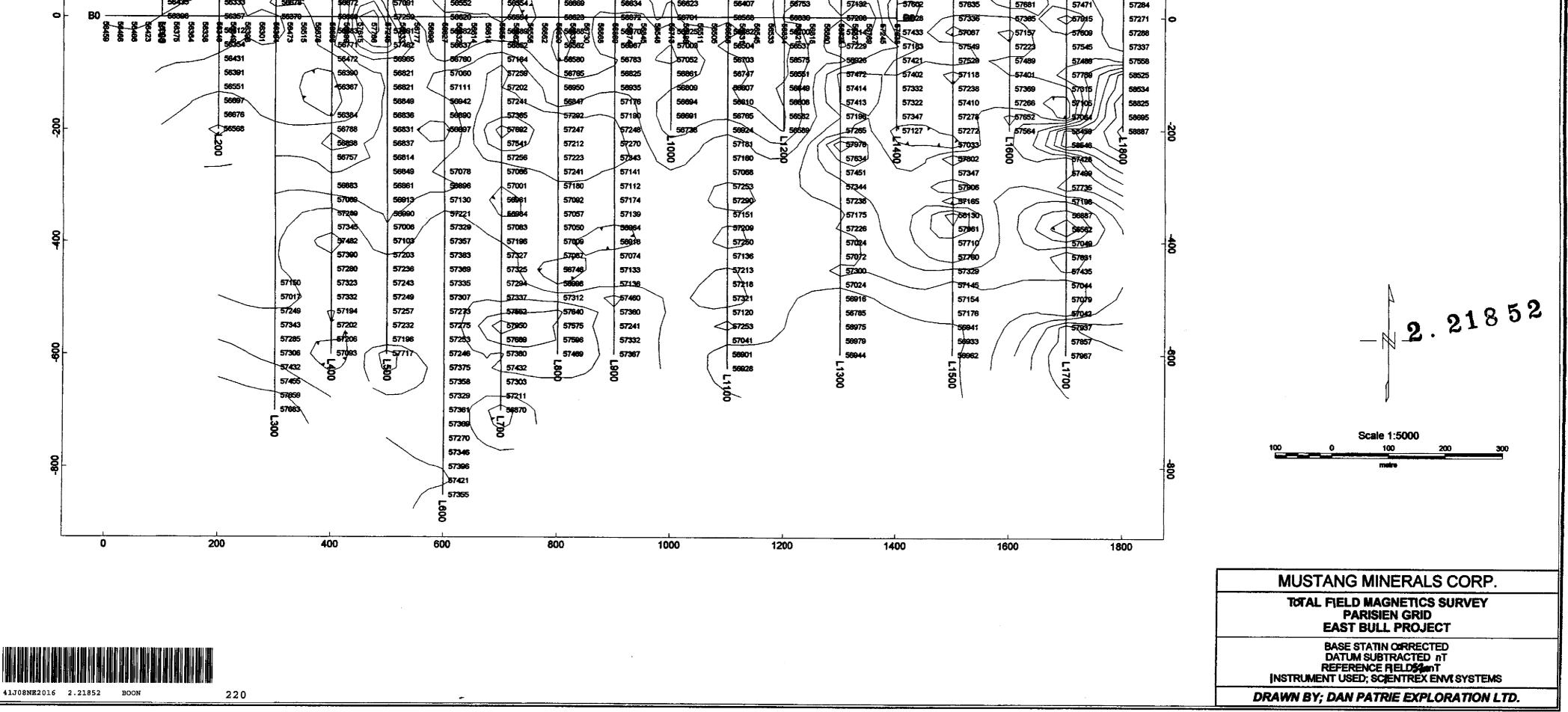
Mustang Minerals Corp. (Assessment Office)







	0	200	400	600	800	1000	1200	1400	1600	1800
1400						L1100				1400
						5715				
			\			5711	7			
	Ξ	5	590	5 6 5		5709		Ë	2	
1200	1.1 00 1.57053	Г. 20 1 ⁵⁷⁰⁷⁹	\$7156 \$7161	57373 + 57142	57056 1 57137 1 57	5707 8 5708 112 56999 5708	0	28 1 570 ¹	۲ 3 ¹	57063
	57025 56998	57090 57055	57146	57528 57171	57098 57044 57 57024 57218 57	236 56997 5706	4 570	16 5695	9 5	57056
	56890	57038	57197	57852 57456	57125 57007 57	166 56992 56696	8 570	20 5694	6 5	57076
	56908 56966	57042 57054 <	57199 57279	57803 57801 57672 57483	57(05 58674 57 57084 56675 57			/ 1		56950 <u> </u>
	56958 56927	57086 57077	57196	57472 57329 57607 57750	57039 56673 56 57031 56621 56	741 57028 5708 334 57059 5704		/		56950 5 7838 8 57838 8 57198 58864
1000	56911 56923	<u>57119</u> 56739	57016 56670 57005 56565	57182 50932 57183 56986	. 56840 56858 58 56706 568682 58		14 56942 570	82 82 5695	5 56892 5	57017 56840 - 2
	56951	56539	57327 57401	57415 57081	56827 58615 56	570 56655 570	1 56879 569	90 5700	57946 5	57016 56883 57031 56824
	50628 50628	58560 58527	57138 97509 57049 56981	57145 58935 57116 57590		522 56570 5700 505 56621 6655				56964 56855 56879 56826
	56529 56521	56520 56517	56704 56761 56456 56813	57209 59685 57241 56603	56683 56596 56 56661 56579 56	532 (5684 (570 524 (56637 - 569				56922 56860 56834 56860
800	56514 56601	56542 56526	56542 56640 56441 56659	57038 58634 585778 58556	56677 56572 56		12 56871 569	53 56931 5700	1 56879 5	56986 56908
60	56491	56486	56525 38565	56557 56527	56858 56800 56	541 56532 5690	58907 569	84 58945 5710	01 57833 5	56917 56842 Ö 56948 56828
	56491 56472	56510 56492	56523 56526 56520 56521	56552 56521 56506 56594		527 56536 5712 502 56725 5699	·			56939 56891 56909 < 55729
	56479 58339	56487 56457	56486 56515 56476 56463	56599 56553 56563 56544	56414 56397 58 50568 56518 56			N 1		56954 56905 57946 57024
	56468	56502 56442	56549 5645 2 56429 56444	56484 56520 56515 56488	56553 56449 56	553 58468 568	W 56579 667	50 56776 986	12 58905 5	57284 57046
80	55373	56454	56409 56406	56496 56484	56453 56421 56			59 56894 5700	57109 5	56867 57078 56913 56913 56913
	58426 58543	56382	56526 56529 56525 56489	56592 56434 56598 56423	56556 56344 56 56417 56192 56	541 56476 5684 556 56509 5668		52 58750 5700 77 56855 5685		57016 56762 57149 56738
	58500	56434 56462	56476 56445 56475 \$66328	56417 566366 58407 56505		918 56809 573 829 56838 577	16 56527 <u>570</u>	64 56893 5697	rs <u>56530</u> 5	56823 56915 56892 56855
	56437	56401	50055 56523	56554 56750	58708 56	876 56855 5703	6 56746 564	67 56480 5680	56911 5	56914
	56543 56596	56256	56617 56968 56815 56952	58754 56752 58851 56748		832 56716 572 904 56824 5681	0 55924 558	37 57298 5683		57191 57569 57280
4 00	58576	58669 58575	58454 56719 56450 56790	56857 56863 57000 56834		968 56848 5988 908 56483 5676				57220 57168 - 6 57219 57220
	56505 56570	50568 56662	56566 56840 56566 56817	57089 56824 56940 56867	56700 56493 58	530 56406 5659 488 56425 567		1 3\\ 57172	56974 5	57176
	55467	56682	56897 56925	56998 56922	56992 56546 56	424 56568 5865		57570 577	56964 5	57803
		56414 56407	57042 56719 56975 56442	97081 56627 56787 56639		592 56548 9633 482 56677 5666	8 57400 570	57231 5701		57308 57568 57723 57616
500	56897	55583	56895 56437 56847 56464	56597 56684 56480 56558		439 56484 5655 515 56528 5665				57445 57423 57135 57580 - X
	57071	56979 57003	58559 56491 58522 58533	56583 56530	56587 56675 56	56729 5673	M 56855 570	30 57010 5698	57631 5	57478 57478
	57023	58580	56428 56481	56563 56499 56597 56526	56637 56508 56	790 56733 5664 326 56822 5656	\neg 1111		$\neg 1/$ I	57641 57326 57512 57222
	57018	56586 56401	56442 56438 56538 56469	56539 56513 56485 56513	1 1	524 59638 5651 593 56479 5646				57214 < 57424 17480 57274
	56544	56406 56333	56560 56751 50678 50072	57166 58521 57091 58552		507 56468 5652 334 56623 5640	4 56702 570	96 57410 5727	5 57713 5	57268
	56435	56333	50678 50072	57091 58552		56623 5640		\mathbf{Y}		57284



. . [.] .