

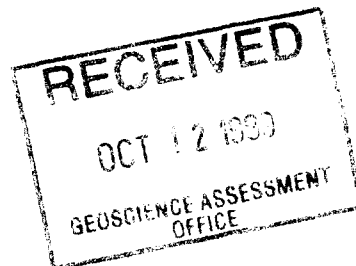


41I09SE2001 2.19557 CRERAR

010

**A PRELIMINARY GEOLOGICAL REPORT  
FOR  
MUSTANG MINERALS CORP.  
ON THE  
RIVER VALLEY PROPERTY-TOMROSE ZONE  
CLAIM # 1214609, 1214610, 1231253  
CRERAR TOWNSHIP  
SUDBURY MINING DIVISION  
RIVER VALLEY, ONTARIO  
CANADA**

2. 19557



October 4, 1999

Kenneth J. Lapierre HBSoc. FGAC.



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## **1.0 INTRODUCTION**

### **Property Location and Description**

Mustang Minerals Corp.'s River Valley PGM Property is a contiguous block of 54 claims consisting of 511 mining claim units located in Dana (G-2904), McWilliams (G-2910), Henry (G-2913), Crerar (G-2903) and Gibbons (G-2905). Townships, Sudbury Mining Division, River Valley, Ontario, Canada (figure 1).

The claim information is tabulated below (Map 1-Back Pocket)

**Table 1: Claim Information**

<b><u>TOWNSHIP</u></b>	<b><u>CLAIM #</u></b>	<b><u># OF UNITS</u></b>	<b><u>HECTARES</u></b>
Dana	1214638	15	240
Dana	1228800	13	208
Dana	1229367	12	192
Dana	1231181	1	16
Dana	1231265	4	64
Dana	1235836	2	32
Dana	1235837	16	256
Dana	1235904	7	112
Dana	1236443	4	64
Dana	1236444	3	48
Dana	1237507	1	16
Dana	1237521	4	64
McWilliams	1229152	12	192
McWilliams	1229153	15	240
McWilliams	1229154	15	240
McWilliams	1229155	16	256
McWilliams	1237522	1	16
Henry	1229160	15	240
Henry	1230060	8	128
Henry	1230061	16	256
Henry	1230062	16	256
Henry	1230063	5	80
Henry	1230064	8	128
Henry	1230065	6	96

MUSTANG MINERALS CORP.

Figure 1

LOCATION MAP



<u>TOWNSHIP</u>	<u>CLAIM #</u>	<u># OF UNITS</u>	<u>HECTARES</u>
Henry	1230066	16	256
Henry	1230067	16	256
Henry	1231258	16	256
Crerar	1210817	16	256
Crerar	1214609	4	64
Crerar	1214610	4	64
Crerar	1214637	16	256
Crerar	1214771	12	192
Crerar	1214772	4	64
Crerar	1214773	6	96
Crerar	1229523	4	64
Crerar	1229526	16	256
Crerar	1229527	8	128
Crerar	1230534	14	224
Crerar	1230564	6	96
Crerar	1231118	2	32
Crerar	1231119	4	64
Crerar	1231120	4	64
Crerar	1231253	8	128
Crerar	1231262	10	160
Crerar	1231263	16	256
Crerar	1231264	16	256
Crerar	1231267	4	64
Crerar	1235901	4	64
Crerar	1235902	8	128
Crerar	1235903	8	128
Gibbons	1231260	6	96

Mustang Minerals is the recorded holder of the claim block and has the right to earn a 100% undivided interest in the claim group subject to various Net Smelter Returns back to the original vendors. Mustang Minerals field office is located in Timmins, Ontario at P.O. Box 1433, P4N 7N2.

The exploration carried out by Ken Lapierre for Mustang Minerals was completed between June 9, 1999 and June 22, 1999.

### **Accessibility, Climate, Local Resources**

Excellent year round access to the property can be gained from Sudbury travelling east on Highway 17 to Warren then north on Highway 539 to the town of River Valley which is located immediately south of the claim block. In this area, numerous all-weather gravel roads and logging roads extend into the interior of the property.

Climatic conditions are typical for this part of Northern Ontario. Temperatures range from +30 degrees Celsius in the summer to over -30 degrees Celsius in the winter.

Water resources are readily available within the property from rivers, creeks, streams and numerous beaver ponds. Mining supplies and skilled manpower are located in Sudbury a distance of approximately 90 kilometers by road.

## **2.0 GEOLOGY**

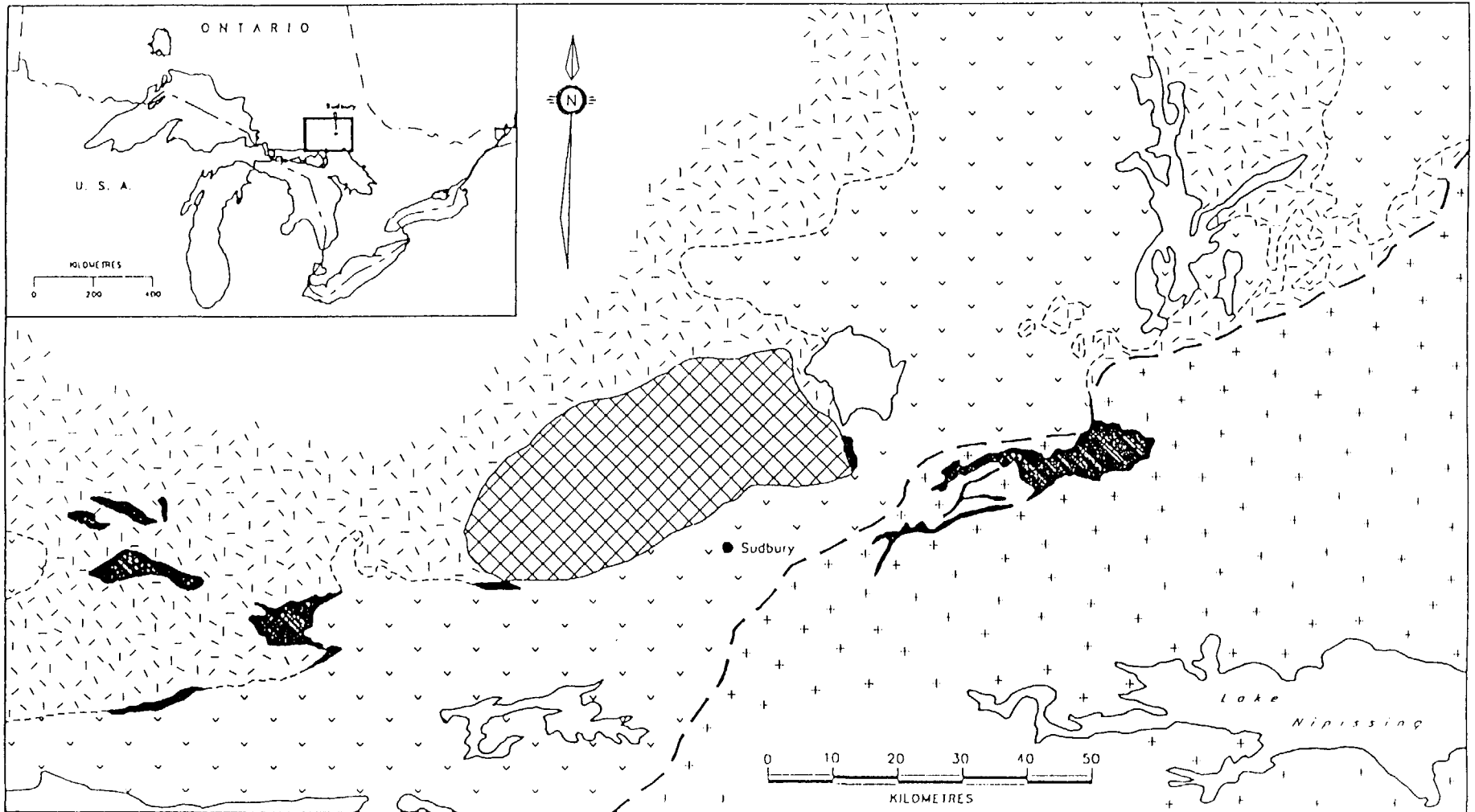
### **Regional Geology**

The regional geology of the River Valley Intrusion is close to the juxtaposition of three Provinces of the Canadian Shield; the Grenville, Southern and Superior Provinces (figure 2). A major Tectonic Zone known as the Grenville Front truncates the River Valley Intrusion along its' northwest margin.







The rocks of the Grenville Province around and proximal to the River Valley Intrusion consists mainly of gneissic coarse clastic metasediments derived from pebbly to bouldery coarse-grained greywacke, immature sandstone and minor conglomerates.

The rocks of the Southern Province around and proximal to the River Valley Intrusion consists mainly of sandstones with minor siltstone, argillite and conglomerate of the Mississagi Formation and conglomerates, siltstone and argillite of the Gowganda Formation. Additional rock types include nipissing diabase of gabbroic composition and biotite-rich gneissic metasedimentary rocks derived from greywacke, siltstone, immature sandstone and minor amounts of calcareous siltstone and sandstone.

The rocks of the Superior Province proximal to the River Valley Intrusion consist of ultramafic to mafic to intermediate flows and felsic intrusions.



**LEGEND**

-  MATACHEWAN GABBRO-ANORTHOSITE INTRUSIVES
-  SUDBURY IGNEOUS COMPLEX
-  GRENVILLE PROVINCE
-  SOUTHERN PROVINCE
-  SUPERIOR PROVINCE
-  GRENVILLE FRONT TECTONIC ZONE

**MUSTANG MINERALS CORP**

**Figure 2**  
Geologic Map of the  
Sudbury Area

## **Property Geology**

Lumbers, 1973, completed Preliminary map 844 of the River Valley Area at a scale of 1 inch to 1 mile for the Ontario Division of Mines. His map covers the entire River Valley Intrusion as well as the surrounding rocks.

The River Valley Gabbro-Anorthosite Pluton and gneissic coarse clastic metasediments of the Grenville Province predominantly underlie Mustang's claim block. Ashwal and Wooden, 1989, suggested that the intrusion consisted predominantly of leuconorite and leucogabbro with minor amounts of anorthosite, mafic and rare ultramafic lithologies. Field evidence by Newman, 1996, suggested that the intrusion is lopolithic in nature and that the south margin is the overturned base of the intrusion while the north contact is the erosional upper contact of the intrusion.

### **3.0 PREVIOUS PROPERTY MINERAL EXPLORATION**

Previous work on the property can be obtained from the Ministry of Northern Development and Mines in Sudbury, Ontario.

The River Valley Intrusion has had limited exploration completed over the past 45 years. This work concentrated on attempting to locate and delineate massive nickel/copper deposits as at Sudbury. The intrusion has never been systematically explored for Platinum Group Metals (PGM) in light of the fact that the Sudbury Mines have produced in excess of 20 million ounces of PGMs as a by-product from their nickel/copper ores.

Previous work on the property is outlined below in chronological order.

**1956:** McIntyre Porcupine Mines, Limited completed 2 holes on the Ferguson claims. The holes totaled 107 feet on old claim 90348. The best intersection was 0.46% copper and 0.01% nickel over 2.0 feet.

**1960/61/62:** Tomrose Prospecting Syndicate completed prospecting, rock trenching, character sampling and 373 feet of pack sack drilling. A total of 20 pits and trenches were completed. The highest values recorded in the pits were 25% copper and 0.26 opt gold.

**1963/64:** Tomrose Mines Limited completed prospecting and 13 holes totaling 4,408 feet. Although no appreciable values were recorded the drill logs indicated several holes with appreciable sulphides of pyrite, pyrrhotite and chalcopyrite associated with



blue quartz eyes with the host rock. These holes were drilled on old claim numbers 52410 and 51682.

**1965:** Property optioned to Falconbridge Nickel Mines who completed magnetometer and electromagnetic surveys as well as six diamond drill holes totaling 1086 feet.

**1966:** Tomrose Mines Ltd. completed 3 drill holes totaling 816 feet. Sporadic pyrrhotite, pyrite and chalcopyrite were intersected in Hole T66-1.

**1966:** Azen Mines limited completed a magnetometer survey on the mining claims.

**1990:** Teck Exploration Limited completed 3 drill holes totaling 1,324 feet. At least one hole intersected a mineralized gabbro for 114 feet.

**1995/96:** WMC International Limited completed airborne magnetic and electromagnetic geophysical surveys, geochemical surveys of soil and till sampling and reconnaissance mapping and sampling. Several areas of interest were located within the intrusion but were never followed up with additional exploration.

#### **4.0 GEOLOGICAL PROSPECTING-TOMROSE ZONE**

Mustang Minerals Corp. completed a geological prospecting survey between June 9 and June 22, 1999 along a portion of the south margin of the intrusion on parts of claims 1214610, 1231253 and 1214609 in Crerar Township (Tomrose Zone Map-back pocket).

Prospecting located several old trenches and numerous smaller pits, which were in all probability completed by Tomrose in the 1960s. Two diamond drill holes were also located and in all probability were completed by Teck in 1990.

The prospecting survey discovered that a large sulphide-rich zone within gabbroic-anorthositic rocks occurred along this portion of the south margin of the River Valley Intrusion. The zone was traced for over 300 meters in a northeast-southwest strike and averaged approximately 100 meters thick. The dip of the structure could not be determined.

Difficulty occurred in completing extensive sampling however detailed grab sampling of the zone was successful over the historic trenches. Sulphide mineralization consisted of pyrrhotite, chalcopyrite and pyrite however most sulphides were oxidized and were present in areas of iron-oxide staining, The sulphide-bearing Tomrose Zone returned

anomalous PT/Pd/Au (platinum/palladium/gold) values up to 692 ppb and is open along strike and at depth (Appendix 1).

Sulphide mineralization does not appear to be dependent on one particular rock type as values up to 401 ppb Pt/Pd/Au (platinum/palladium/gold-sample #8970) were located in coarse grained gabbro proximal to the north contact of the Tomrose Zone.

### **5.0 OBSERVATIONS AND CONCLUSIONS**

1. The property consists of 511 mining claim units covering 8,176 hectares.
2. The property covers a large part of the River Valley Intrusion which has recently hosted significant platinum group metal values.
3. Historical exploration of the River Valley Intrusion uncovered numerous copper-nickel showings but was never explored for its' platinum group metal potential.
4. Recent work completed on the property by Mustang Minerals Corp. has verified that the historical copper-nickel showings are enriched with platinum group values.
5. The property warrants further exploration to determine its' potential to host economic deposits of copper, nickel and/or PGM (platinum group metals).

### **6.0 RECOMMENDATION**

The author strongly recommends follow up exploration on the property. Work should consist of continued geological mapping/prospecting as well as linecutting, ground geophysics and excavation of areas with sulphide-rich potential. Emphasis should be placed on areas along the margin of the intrusion and areas where additional sulphide-rich mineralization is located

October 4, 1999

  
Kenneth J. Lapierre HBSc. FGAC.

**BIBLIOGRAPHY**

Assessment Files: Crerar Township filing cabinet; Mineral of Northern Development and Mines; Sudbury, Ontario

Ashwall, L.D., and Wooden, J.L., 1989. River Valley Pluton, Ontario; A Late-Archean/Early Proterozoic Anorthositic Intrusion in the Grenville Province. *Geochemica et Cosmochimica Acta*, Vol 53, pp 633-641.

Lumbers, S.B. 1973. River Valley area, Districts of Nipissing and Sudbury; Ontario Division of Mines preliminary Map P.844, Geol. Ser., Scale 1 inch to 1 mile. *Geology* 1971, 1972.

## DECLARATION

I, Kenneth J. Lapierre, of the city of Timmins, Province of Ontario, Canada, do state:

1. that I am a practicing consulting geologist with an office at Suite 15, 637 Algonquin Blvd. E., Timmins, Ontario with an additional mailing address at P.O. Box 1433, Timmins, Ontario, P4N 7N2,
2. that I am a graduate with a degree of Honors Bachelor of Science majoring in Geology from the University of Western Ontario, London, Ontario,
3. that I have practiced my profession as consulting geologist since my graduation from The University of Western Ontario in 1983,
4. that I am a fellow of the Geological Association of Canada and a member of the Prospectors and Developers Association of Canada,
5. that I am familiar with the material in this report, having supervised the work herein and completed the report myself,
6. that I am an officer and director and VP Exploration of Mustang Minerals Corp and that I do own securities of that Company and I will continue to own securities in Mustang Minerals Corp. for the foreseeable future.

October 4, 1999



Kenneth J. Lapierre HBSoc. FGAC.



## LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / A DIVISION OF SGS CANADA INC.  
129 AVE. MARCEL BARIL • ROUYN-NORANDA • QUÉBEC J9X 7B9  
TÉL.: (819) 764-9108 FAX: (819) 764-4673

## CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

Nom de la Compagnie/Company: Mustang Minerals Corporation  
Bon de Commande No/ P.O. No:  
Projet/ Project No : River Valley  
Date Soumis/ Submitted : Jun 16, 1999  
Attention : Ken Lapierre

R16180

Jun 18, 1999

*Tomrose Zone*

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB
---------------------------------	-----------	-----------	-----------

8951	31	205	269
8952	27	86	124
8953	15	42	68
8954	53	237	338
8955	15	24	58
8956	39	99	147
8957	4	<10	11
8958	1	<10	10
8959	<1	<10	<1
8960	18	65	89
61	<1	52	63
8962	39	123	99
8963	28	76	100
8964	36	73	80
8965	15	37	35
8966	40	351	291
8967	7	29	33
8968	12	44	98
8969	48	38	59
8970	11	277	113
8971	7	<10	12
8972	12	29	66
8973	12	37	84
8974	30	234	260
8975	6	14	21
8976	24	116	107
8977	60	248	335
8978	46	313	333
8979	10	16	19
8980	8	<10	15
8981	29	63	81
8982	9	20	36
8983	30	114	102
8984	57	160	130
8985	9	17	21
8986	47	69	76
8987	8	<10	14
88	32	105	101
8989	7	<10	18

Certifie par / Certified by :



Membre du Groupe SGS (Société Générale de Surveillance)

**XRAL****LES LABORATOIRES XRAL LABORATORIES**

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 129 AVE. MARCEL BARIL • ROUYN-NORANDA • QUÉBEC J9X 7B9  
 TÉL. (819) 764-9108 FAX (819) 764-4673

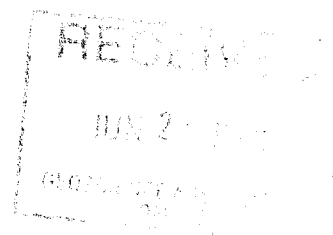
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No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	Pt+Pd+Au g/tc
8951	31	205	269	
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8953	15	42	68	
8954	53	237	338	
8955	15	24	58	
8956	39	99	147	
8957	4	<10	11	
8958	1	<10	10	
8959	<1	<10	<1	
8960	18	65	89	
8961	<1	52	63	
8962	39	123	99	
8963	28	76	100	
8964	36	73	80	
8965	15	37	35	
8966	40	351	291	
8967	7	29	33	
8968	12	44	98	
8969	48	38	59	
8970	11	277	113	
8971	7	<10	12	
8972	12	29	66	
8973	12	37	84	
8974	30	234	260	
8975	6	14	21	
8976	24	116	107	
8977	60	248	335	
8978	46	313	333	
8979	10	16	19	
8980	8	<10	15	
8981	29	63	81	
8982	9	20	36	
8983	30	114	102	
8984	57	160	130	
8985	9	17	21	
8986	47	69	76	
8987	8	<10	14	
8988	32	105	101	
8989	7	<10	18	



Certifie par / Certified by :



Membre du Groupe SGS (Société Générale de Surveillance)



41I09SE2001 2.19557 CRERAR 900

Sections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this work and correspond with the mining land holder. Questions about this collection should be directed to the Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

 Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.  
 - Please type or print in ink.

**1. Recorded holder(s) (Attach a list if necessary)**

Name Mustang Minerals Corp.	Client Number 303851
Address PO Box 1433 Timmins, Ont P4W7W2	Telephone Number (705) 267-7389
	Fax Number (705) 267-7389
Name	Client Number
Address	Telephone Number
	Fax Number

**2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.**
 Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
  Physical: drilling stripping, trenching and associated assays
  Rehabilitation

Work Type - geological mapping/interpretation - sampling - assaying	Office Use Commodity Total \$ Value of Work Claimed 4382
Dates Work Performed From 9 06 99 To 22 06 99 Day Month Year Day Month Year	NTS Reference
Global Positioning System Data (if available)	Mining Division Sudbury
Township/Area Crerar Twp.	Resident Geologist District
M or G-Plan Number	

 Please remember to:
 

- obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

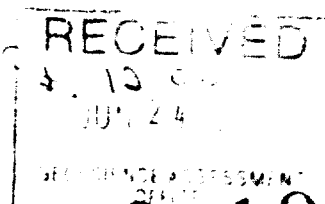
**3. Person or companies who prepared the technical report (Attach a list if necessary)**

Name Lapierre Exploration Services Inc.	Telephone Number (705) 267-7389
Address PO Box 1433	Fax Number (705) 267-7389
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

**4. Certification by Recorded Holder or Agent**

 I, Ken Lapierre (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>Ken Lapierre</i>	Date June 24/99
Agent's Address PO Box 1433 Timmins Ont P4W7W2	Telephone Number (705) 267-7389
	Fax Number (705) 267-7389

 Deemed  
 September 22 '99


2.19557

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9970 00425

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 1214610	4 claim unit	2,200	2,200	0	0
2 1231253	8 claim unit	2,000	0	2,000	0
3 1214609	4 claim unit	185	2,185	0	0
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
<b>Column Totals</b>		<b>4,385</b>	<b>4,385</b>	<b>2,000</b>	<b>0</b>

I, Ken Lapierre (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: Ken Lapierre Date: June 24/99

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

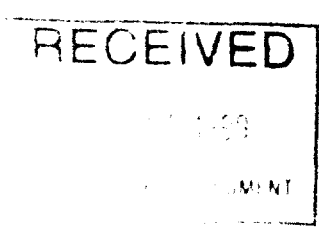
- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):  
1st - 1231253

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

**For Office Use Only**

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

2241 (03/97)





109970.00035

Personal information collected on this form is obtained under the authority of subsection 8(1) of the Assessment Work Regulation 8/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Geological Mapping	5 days total	350/day	\$1750.00
Assaying	Au/Pt/Pd - 39 samples	variable	400.00
Map Computerization	geological map - surface	all in	750.00
<b>Associated Costs (e.g. supplies, mobilization and demobilization).</b>			
Supplies - flagging tape, hip chain, sample tags/bags etc.			175.00
<b>Transportation Costs</b>			
1600 Kilometers		50¢/km	800.00
<b>Food and Lodging Costs</b>			
5 days/night accom.		\$67/night - lodging \$35/day - food	510.00
<b>Total Value of Assessment Work</b>			<b>4385.00</b>

**Calculations of Filing Discounts:**

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

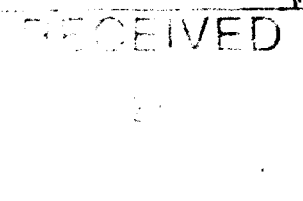
TOTAL VALUE OF ASSESSMENT WORK  $\times$  0.50 = Total \$ value of worked claimed.

**Note:**

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

**Certification verifying costs:**

I, Ken Lapierre (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Ken Lapierre - VP Exploration (recorded holder, agent, or state company position with signing authority). I am authorized to make this certification.



Signature: [Signature] Date: 8/23/97

October 18, 1999

MUSTANG MINERALS CORP.  
120 ADELAIDE STREET WEST  
SUITE 514  
TORONTO,, ONTARIO  
M5H-1T1

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.19557

**Status**

**Subject: Transaction Number(s):** W9970.00225 Approval After Notice

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We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in **DUPLICATE** to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Bruce Gates by e-mail at [bruce.gates@ndm.gov.on.ca](mailto:bruce.gates@ndm.gov.on.ca) or by telephone at (705) 670-5856.

Yours sincerely,



ORIGINAL SIGNED BY  
Blair Kite  
Supervisor, Geoscience Assessment Office  
Mining Lands Section

# Work Report Assessment Results

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**Submission Number:** 2.19557

**Date Correspondence Sent:** October 18, 1999

**Assessor:** Bruce Gates

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<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9970.00225	1214610	CRERAR	Approval After Notice	October 18, 1999

**Section:**

12 Geological GEOL

The revisions outlined in the Notice dated September 3, 1999, have been corrected.

Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

The assessment credit is being reduced by \$320.00. The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is \$4,065.00.

**Correspondence to:**

Resident Geologist  
Sudbury, ON

Assessment Files Library  
Sudbury, ON

**Recorded Holder(s) and/or Agent(s):**

Ken Lapierre  
TIMMINS, ONT, CANADA

MUSTANG MINERALS CORP.  
TORONTO,, ONTARIO

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# Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: October 18, 1999

Submission Number: 2.19557

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Transaction Number: W9970.00225

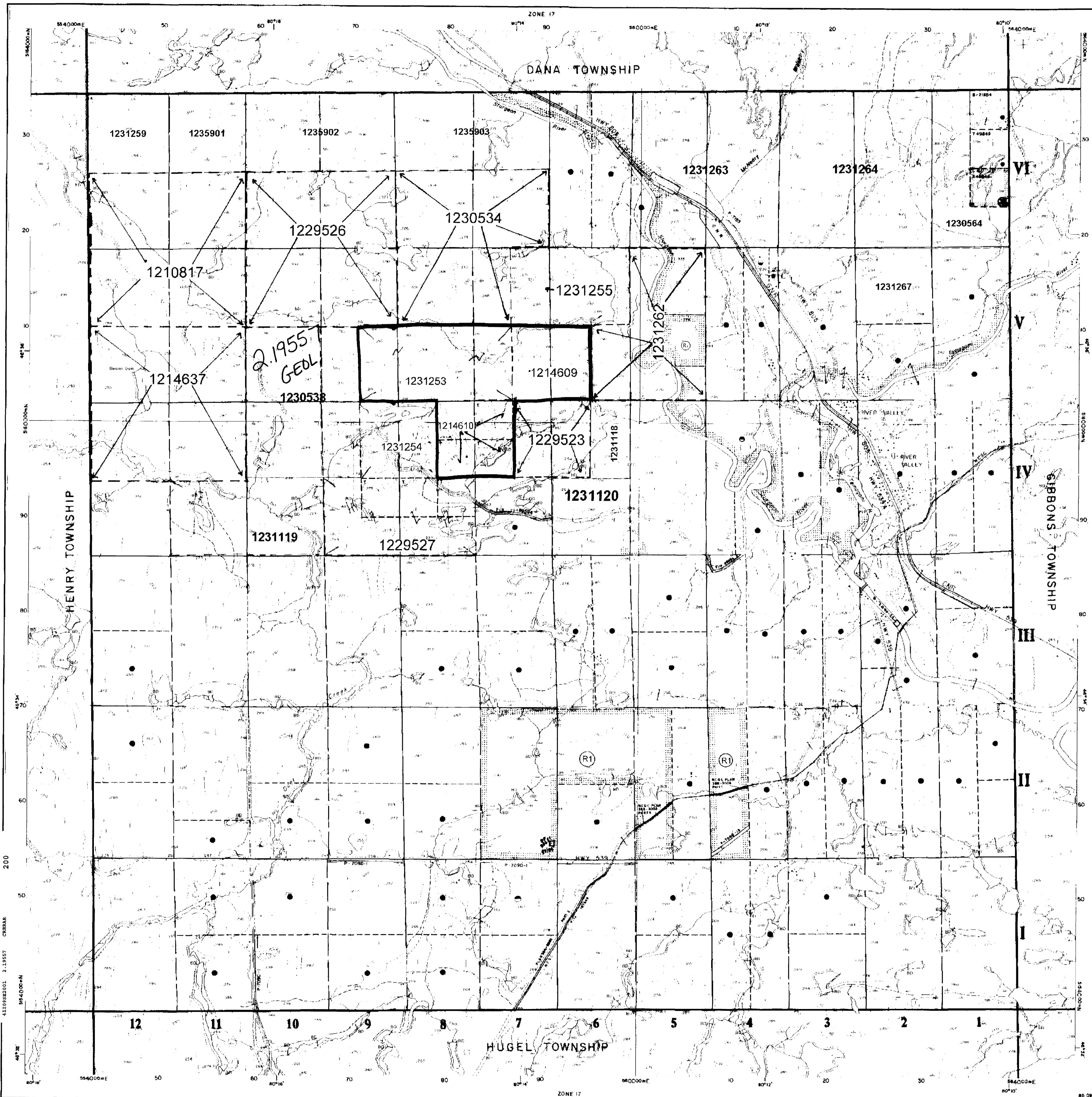
<u>Claim Number</u>	<u>Value Of Work Performed</u>
1214610	2,040.00
1231253	1,854.00
1214609	171.00
<b>Total: \$</b>	<b>4,065.00</b>

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C-5201

CBEBAW TMB

C-5203



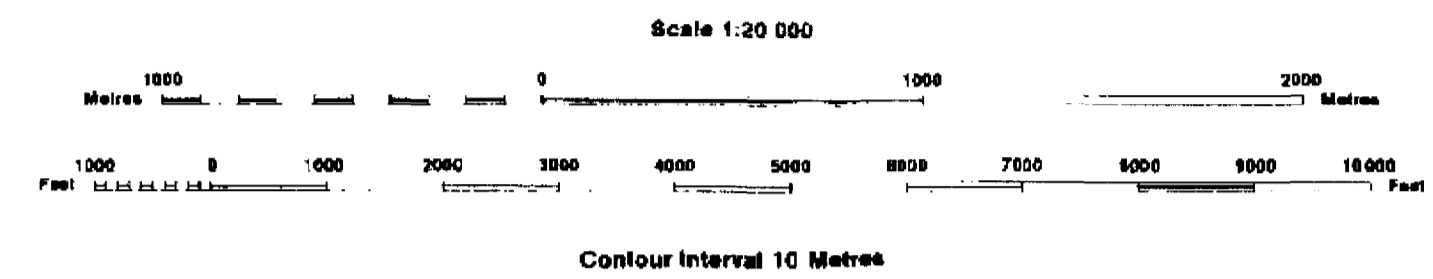
January 1986

INDEX TO LAND DISPOSITION

PLAN  
G-2903  
TOWNSHIP

M.N.R. ADMINISTRATIVE DISTRICT  
NORTH BAY  
MINING DIVISION  
SUDBURY  
LAND TITLES/REGISTRY DIVISION  
NIPISSING

CRERAR



AREAS WITHDRAWN FROM DISPOSITION  
M.R.O. - MINING RIGHTS ONLY  
S.R.O. - SURFACE RIGHTS ONLY  
M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
(R1) Reservation		13/10/69	S.R.	160707 Vol. 2
(R4) SEC. 36/80	W.8/1	5/12/61	S.R.	160757

\*Part of order W 8/84 RECEIVED by order  
O.M. CL/80 MNR effective April 1, 1980 at 7:00 AM E.S.T.

SYMBOLS

Boundary	
Township, Meridian, Baseline	—
Road allowance; surveyed	—
shoreline	—
Lot/Concession; surveyed	—
unsurveyed	—
Parcel; surveyed	—
unsurveyed	—
Right-of-way; road	—
railway	—
utility	—
Reservation	—
Cliff, Pit, Pile	—
Contour	—
Interpolated	—
Approximate	—
Depression	—
Control point (horizontal)	—
Flooded land	—
Mine head frame	—
Pipeline (above ground)	—
Railway; single track	—
double track	—
abandoned	—
Road; highway, county, township	—
access	—
trail, bush	—
Shoreline (original)	—
Transmission line	—
Wooded area	—

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

DISPOSITION OF CROWN LANDS

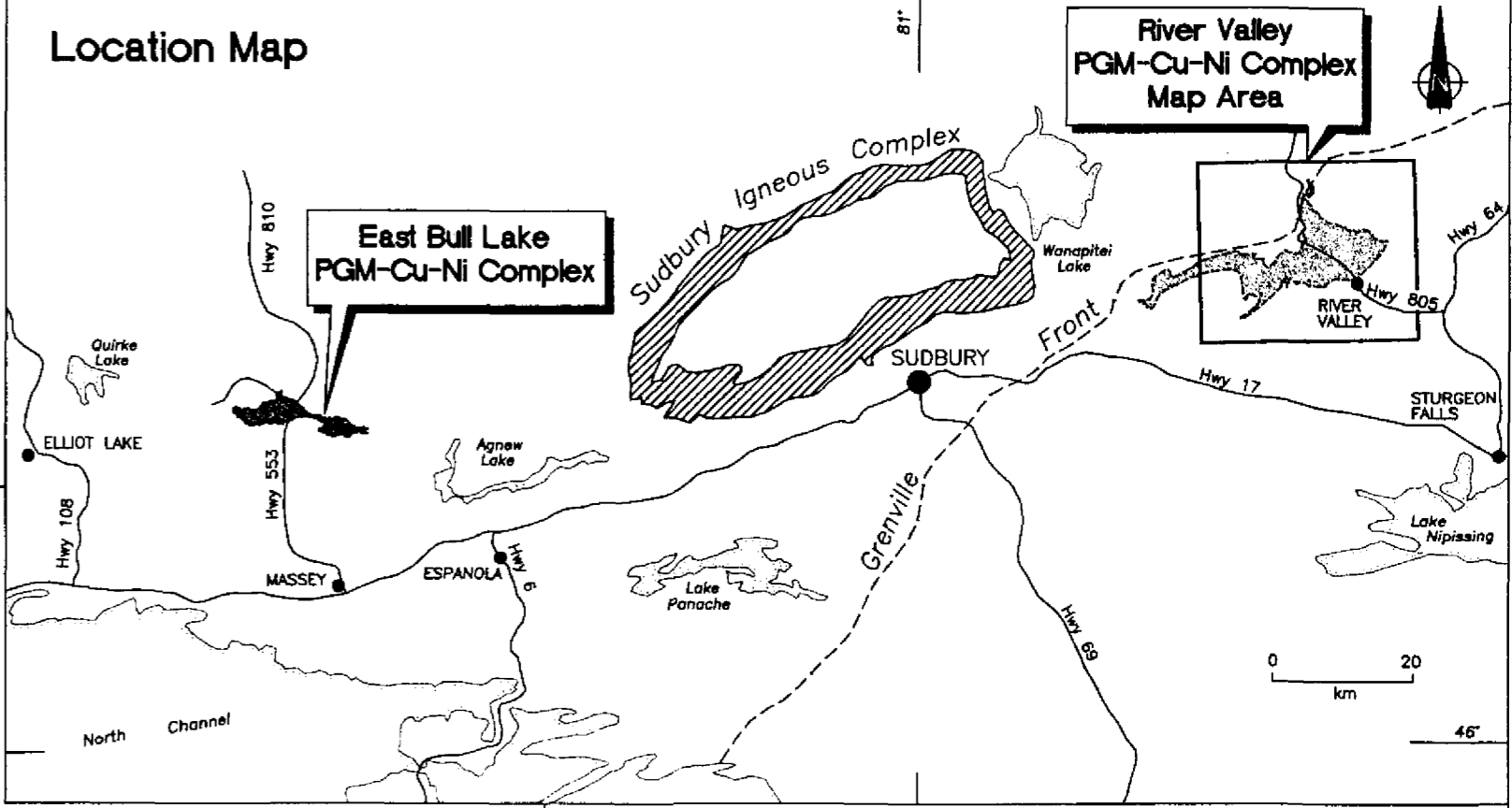
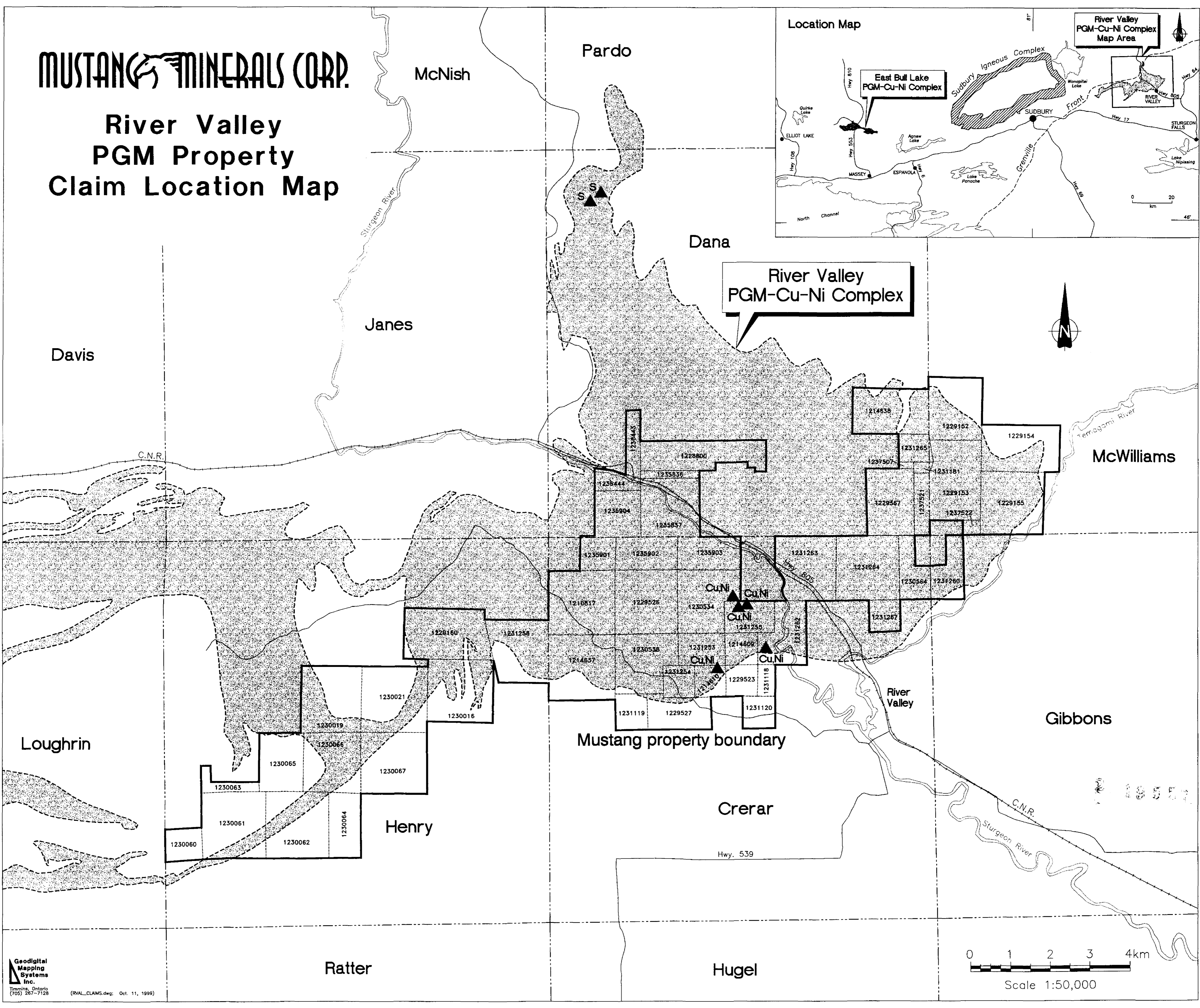
Patent	
Surface & Mining Rights	●
Surface Rights Only	○
Mining Rights Only	◐
Lease	
Surface & Mining Rights	■
Surface Rights Only	□
Mining Rights Only	▨
Licence of Occupation	▲
Order-in-Council	OC
Cancelled	⊗
Reservation	(R)
Sand & Gravel	(G)
LAND USE PERMIT	+

JUNE 1ST. OPENINGS  
ONTARIO GAZETTE VOL.122-18  
MAY 6, 1989  
W.1/2 OF N 1/2 LOT 7 CON.4  
NW 1/4 OF N 1/2 LOT 8 CON.4  
S 1/2 OF N 1/2 LOT 8 CON.4  
N 1/2 OF S 1/2 LOT 8 CON.4  
SW 1/4 OF S 1/2 LOT 8 CON.4  
SE 1/4 OF N 1/2 LOT 9 CON.4  
E 1/2 OF S 1/2 LOT 9 CON.4

JUNE 1, 1986 OPENINGS  
T 49848

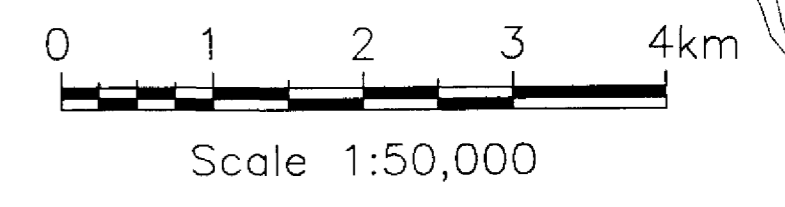
# MUSTANG MINERALS CORP.

## River Valley PGM Property Claim Location Map



River Valley  
PGM-Cu-Ni Complex

Mustang property boundary



41-0952801 2-1997 CERAR

# MUSTANG MINERALS CORP.

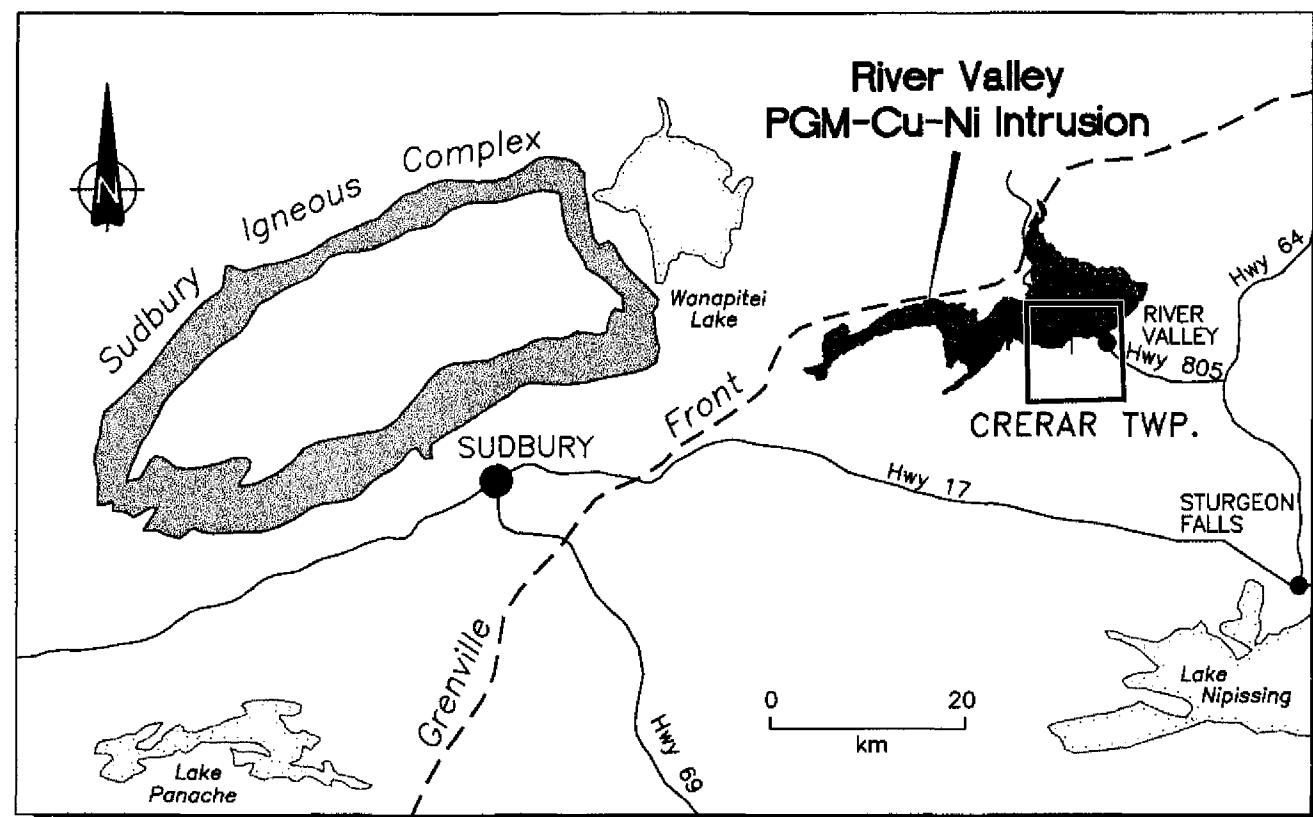
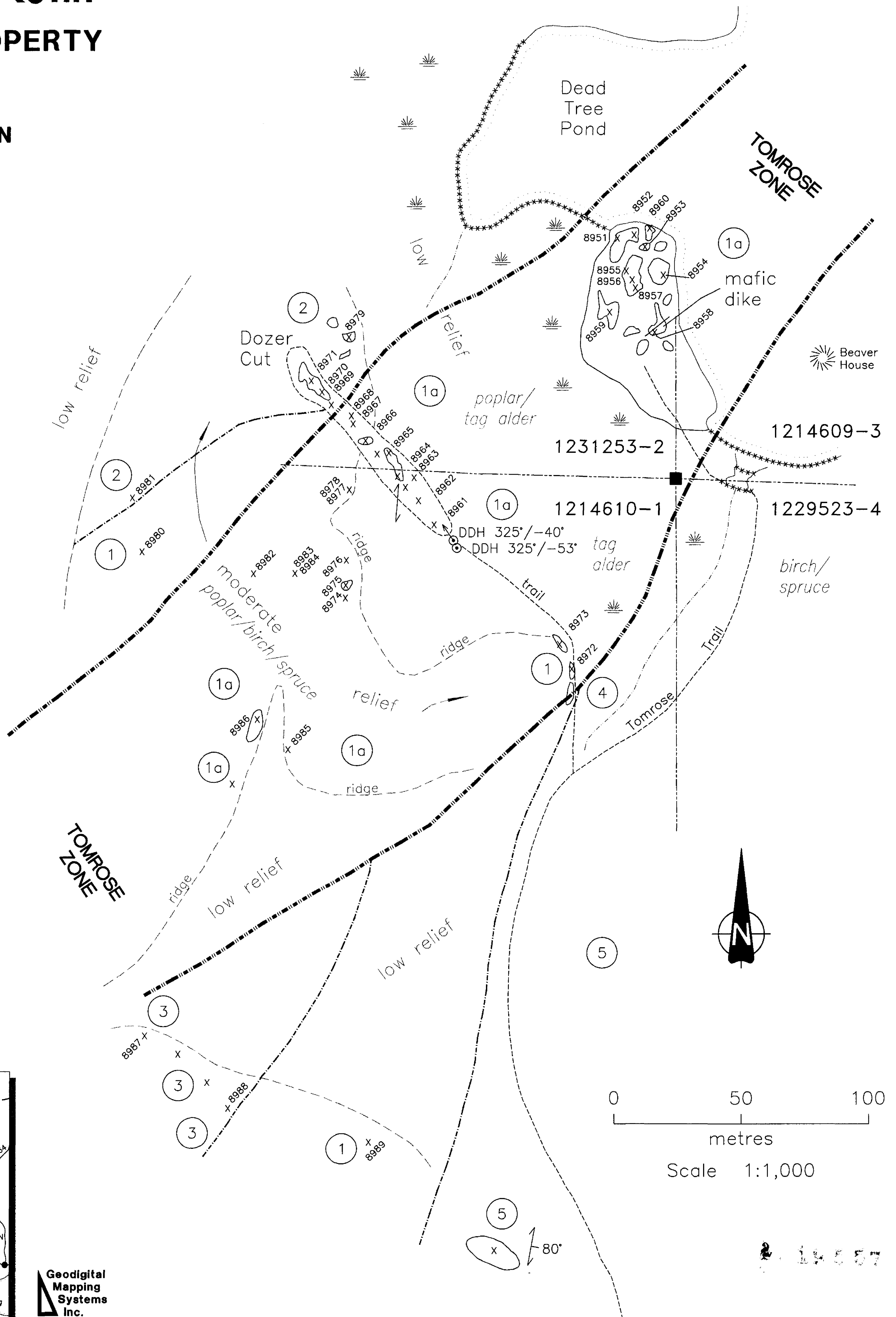
## RIVER VALLEY PGM PROPERTY TOMROSE ZONE

CRERAR TOWNSHIP  
SUDBURY MINING DIVISION

- ① Gabbroic Anorthosite
- ② Gabbro, coarse-grained
- ③ Granitic Rocks, quartz-rich
- ④ Leucogabbro
- ⑤ Felsic/Mafic Gneiss
- a Sulphides (po, cpy, py)

- Beaver dam
- Pond
- Road/trail
- Claim post/line - located
- Outcrop, large
- Outcrop, small
- Foliation, strike/dip
- Drill hole - azimuth/dip
- Mineralized zone
- Geological contact - approximate

Sample No.	Pt+Pd+Au (ppb)	Sample No.	Pt+Pd+Au (ppb)
8951	505	8971	19
8952	237	8972	107
8953	125	8973	133
8954	628	8974	524
8955	97	8975	41
8956	285	8976	247
8957	15	8977	643
8958	11	8978	692
8959	0	8979	45
8960	172	8980	23
8961	115	8981	173
8962	261	8982	65
8963	204	8983	246
8964	189	8984	347
8965	87	8985	47
8966	682	8986	192
8967	69	8987	22
8968	154	8988	238
8969	145	8989	25
8970	401		



**Geodigital Mapping Systems Inc.**  
Timmins, Ontario  
(705) 267-7128  
(Tomrose\_1000.dwg; June 22, 1999)

