

**GEOLOGICAL SURVEY REPORT
ON THE BARRY McCOMBE GRENFELL-WEST GROUP,
GRENFELL TOWNSHIP**

2.17367

**PREPARED BY: ALASTAIR C. STILL
KINROSS GOLD CORPORATION**

2.17367

MAY 16, 1997



42A01NE0251 2.17367 GRENFELL

LOCATION

The work described in this report was conducted on 3 unpatented mining claims in south central Grenfell Township (G- 3212) numbered 1205807, 1206101, 1206394, totalling 13 units (see Map 1). The latter two claims represent small fractions or wedges along the Blanche River. The groups are located at approximately 80° 13' W longitude and 48° 07' N latitude (NTS 559000E & 5329500N). Work conducted on these claims is being applied to claims 1206258, 1206271, 1205805, and 1206272 which are contiguous with the above claims (see Map 1).

OWNERSHIP

All of the claims described above are 100% owned by the Kinross Gold Corporation, through option agreements with Mr. B. McCombe. The address for the Head Office of Kinross is: 40 King St West, 56th Floor, Toronto, Ontario, M5H 3Y2.

ACCESS

The south part of the property touches the Blanche River and the west boundary roughly parallels Hwy 11. The Trans Canada Gas Pipeline bisects the claim group along its north-south axis. Access to the northerly claims is via gravel roads running east from Hwy 11, and to the central and southern parts by a gravel bush road and a pipeline right-of-way road.

REGIONAL GEOLOGY

The south part of Grenfell Twp was mapped by Thomson (1950) and the entire township by Grant (1964). A report on the McCombe group was published following a property visit by Guindon (Meyer et. al., 1995). According to these earlier publications, the area is underlain by massive and pillowed mafic flows of probable Mg-tholeiitic Kinojevis Group affinity. Coarse-grained massive flow units often are gabbroic-textured. The overall strike of the mafic assemblage in the vicinity of the claims is reported at 330° with dips and tops facing steeply east. Regional metamorphism has altered the flows to lower greenschist facies.

ECONOMIC GEOLOGY

The economic geology of Grenfell Twp was summarized by Grant as gold occurring in quartz veins with sulphides and some carbonate. Guindon quoted old reports that describe an association of gold mineralization with northwest trending shear zones on the claim group and the former Four Nations mine.

Previous work on the McCombe Property includes: a) 4 short holes drilled near the bend in the gas pipeline by Hecmac Syndicate (file KL 1114). The best value returned 0.10/3.5' in a silicified, brecciated zone.

b) A report written in 1960 by H.D. McLeod of Sogemines Development Co. Ltd. for the Legace Showing (file KL 1550) described a showing exposed by bulldozing and trenching which has subsequently been covered. He reported values from 11 samples, 10 of which averaged \$4.00 (0.115 opt) with a range of \$1.75 (0.05 opt) to \$6.65 (0.19 opt) and one that assayed \$16.80 (0.48 opt);

c) In 1975, the Grenfell Syndicate (file KL 1049) put down one hole near the end of the dump road near the current north boundary of the claim group. All values were trace;

d) A series of new and old trenches east of the access road to the Nor-Gro Nursery and the dump access road were stripped, blasted and sampled by Grant Sirola (file KL 2512) in 1980. According to the reports, the pits were put down on carbonatized and mineralized quartz veins. Values from the various trenches ranged from tr to 0.183 ppt with several in the 0.12-0.16 opt range;

e) Between 1981 and 1985, Orcana Minerals (file KL 2512) performed a number of different surveys on the Sirola group including magnetometer and VLF-EM (1981), geological (1983), and basal till (1983). Although no significant conductors or new showings were located with the surveys, and the best value from the basal till survey was 127 ppb, two follow-up diamond drill holes were collared in 1984 & 1985. Both holes intersected mafic flows containing local narrow quartz/quartz carbonate veins to 12" with minor pyritic halos and values to 0.005 & 0.016 opt respectively;

f) Immediately north of the McCombe-west group, Grenfell Kirkland Gold Mines Ltd sank 2 shafts on quartz veins and silicified mafic volcanics with assays on the shaft walls returning values to 95.5 OPT. Drilling of 18 short holes in the vicinity of the shafts gave assays to 0.567/3' ;

g) The Trembley claim which is located between the 2 southerly claims of the McCombe-west group, has yielded grab samples ranging up to 2.76 OPT and channel samples of 0.255/2.6' over a strike length of 51' ;

h) Mylake Mines Ltd sank a shaft on a quartz vein structure about 3000' northeast of the group and examined a total of 12 quartz- bearing structures. Assays from the first level of the mine yielded chip samples of 0.91/2.1' over a strike length of 57 feet;

I) Extensive work was done on the Four Nations property between the southern parts of the two McCombe groups. Chip samples from trenches north of the Blanche River returned 0.25/7.8' over a 200 foot length while face samples of a development drift on the 375' level yielded 0.277/2' over 200 feet.

GEOLOGICAL SURVEY

Procedures.

A geological survey of the claims described above and known as the Grenfell-West block was supervised by A.C. Still of the Kinross Gold Corporation during the week of May 12-16, 1997. Approximately 7.2 km of traverse lines were mapped and sampled by the author during May 12-13, 1997. On May 12, the author was accompanied by fellow geologist A. Lauzon , and on May 13 was accompanied by fellow-geologist K. Rattee.

All traverse routes followed a North-South grid system through dense bush based on 100 m spacings (see Map 2). The grid system was prepared and supervised by Mr. B. McCombe through dense bush along the grid system established. This line-cutting also included erecting blazed pickets at 25 m intervals to establish accurate grid control of mapping locations. An East-West base line was established with East-West tie lines every 400 m north and south of the base line. The final stage of the line-cutting was completed on May 11, 1997.

Outcrop.

Much of the northern half of the area surveyed contained very poor to no outcrop exposure (see map 2). Most of this area was overlain with low-lying marshy areas with casual water and dense vegetation consisting of jackpine, spruce, birch and poplar. Further to the west the area is largely covered by glacial sands and gravels with very limited outcrop. From roughly the base line and south the area has very good outcrop exposure. This area is characterized by rolling ground with minor ridges and depressions between outcrops. This area is also densely forested with spruce, jackpine, birch, and poplar.

Lithology

The entire area mapped is underlain by intermediate to mafic volcanic rocks, primarily consisting of basalts which are either massive or pillowed. These rocks are of probable Mg-tholeiitic Kinojevis Group affinity. Coarse-grained massive flow units are often gabbroic-textured. The rocks have been metamorphosed by regional metamorphism to lower green schist facies. Chlorite and epidote is ubiquitous at most locations.

Pillowed basalts are well formed and preserved in many locations. Large individual pillows to 1 m in diameter have been observed with well defined chloritic margins. Flow top measurements of these units show that they face steeply to the north-east. Many of the pillows also have silicified or quartz veining to 1 cm wide along the pillow selvages. The quartz shows a general paucity of sulphides and does not carry significant gold values.

Significant Structures

Most of the volcanic rock in the area surveyed is weakly deformed and shows well-preserved primary features, particularly pillows, and locally amygdules. Multiple joint sets are also commonly observed, which are generally all steeply dipping but oriented in different directions (see Map 2 for individual measurements). They most commonly dip to the north or north-west.

An absence of any strongly defined regional deformation was observed in this area. Locally some zones contained well developed foliations dipping steeply to the north-west. Such well-foliated zones are also marked by significant local concentrations of sericite and chlorite. One moderately to weakly developed shear zone was observed just south of the baseline on line 53+00E. This narrow 15-30 cm wide zone dips steeply to the south-west, but does not appear to have a strike length greater than 5-10 m.

There appears to be a general absence of strong regional faulting in the area mapped, although several smaller-scale faults were observed. Most of these 0.5-1 m wide faults are sub-vertical, striking near east-west and dipping either to the north or south.

Mineralized Structures

Much of the geological mapping was targeted at discovering new mineralized structures in the area in the form of quartz veins. A series of 12 samples were collected for assay which are shown in Map 2. These samples were assayed by Accurassay Labs in Kirkland Lake for ppb gold (see Appendix 1).

Six minor 1-5 cm quartz-carbonate veins were reported during the mapping which had not previously been known. These quartz veins are characteristically all striking within 30

degrees of east-west and dipping between 75-90 degrees, primarily to the north. Unfortunately, assay results for these veins did not return any highly elevated gold values. These samples returned individual values of 36, 7, 32, 18, 5, and 55 ppb Au.

A 2.5 cm wide quartz-carbonate vein was reported about 75 m south of the 400N tie line on the 46+00E line (Map 2). This quartz vein was adjacent to an old overgrown trench near 12 m long and 1 m wide. The quartz vein was hosted by strongly bleached and altered basalt with chlorite-epidote-sericite alteration with weak silicification and 1-2% sulphide. This vein was oriented 289/74 N and was observable for less than 5 m along strike before being lost under overburden. Two separate grab samples from this vein yielded assays of 571 and 735 ppb Au. A sample of what appeared to be a silicified flow-top breccia less than 10 m from the vein contained only 7 ppb Au.

Several subparallel 1-10 cm wide quartz-carbonate veins were observed in the area known as the Sirola Pits (see Map 2). Clearly there has been considerable trenching and small pit development in this area. These veins are oriented near 280/76 N. Grab samples from these quartz veins returned assays of 234, 307, and 663 ppb Au.

SUMMARY AND RECOMMENDATIONS

The geological survey has confirmed the existence of a series of east-west trending steeply north dipping quartz veins. Most of the new veins uncovered during the course of this project do not contain significant values of gold that would warrant follow-up work. However, several of the grab samples of quartz veins from the Sirola Pit area and from south of the dump area yielded values up to 735 ppb Au. These values are likely related to a large stringer quartz zone being fed by the same mineralizing fluids, with localized higher concentrations of gold.

This western portion of the property holds exploration potential for a large-scale low-grade gold-bearing zone. The strike extent is unclear due to extensive glacial drift in the area, but the width of the zone connecting the anomalous values together may approach 225 m. It is recommended to follow-up on this zone with an extensive stripping program following the quartz veining along strike. This will confirm if in fact there is continuous quartz veining and mineralization linking the two zones together.

There were no significant structures or mineralized zones in the other sections of the geological survey that would warrant follow-up work at this time.

REFERENCES

Grant, J.A., 1964. Bompas and Grenfell Townships. Geological Circular No. 30, Ontario Department of Mines.

Meyer, G., et al., 1995. Annual Report of The Resident Geologists Office. Ministry and Northern Development and Mines.

Thomson, J.E., 1950. Geology of Teck Township and the Kenogami Lake Area, Kirkland Lake Gold Belt. Province of Ontario Department of Mines.

QUALIFICATIONS

I, Alastair C. Still, declare that:

- 1) I reside at 110 Main St., Kirkland Lake, Ontario, Canada, P2N 3E8;
- 2) I graduated from the University of New Brunswick in 1995 with a B.Sc. (Hons) in Geology;
- 3) I have practiced my profession as a geologist continuously since 1996;
- 4) On two consecutive days I visited the property with two other geologists from the Kinross Gold Corporation to conduct geological mapping and sampling, and produced the report on the geological survey;
- 5) This report documents the geological mapping and sampling results obtained from traversing the property via the grid established by line-cutting which was supervised by Mr. B. McCombe.


Alastair C. Still, B.Sc.



ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

BOX 426

KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1

TEL.: (708) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T

59927

Certificate of Analysis

Page: 1

Doug Cater
KINGSS GOLD CORP.
P.O. Box 550
Kirkland Lake, Ont.
PEN MJT

May 15

97

Work Order # : 970453
Project :

Accurassay	SAMPLE NUMBERS Customer	Gold ppb
	5958	36
24248	5959	7
24249	5960	32
24250	5961	18
24251	5962	5
24252	13103	55
24253	13104	571
24254	13105	735
24255	13106	7
24256	13107	229
24257	13107	239
24257	13108	307
24258	13109	653
24259	13109	673
24259		

239 } Check
663 } 653
673 } Check

12

59927

Per: Bobby Bates



Ministry of
Northern Development
and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) <i>W9780 00487</i>
Assessment Files Research Imaging

Personal informati
Mining Act, the inf
Questions about
933 Ramsey Lake



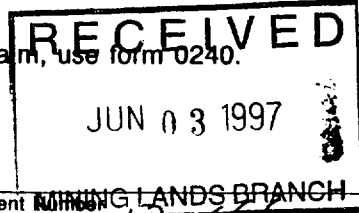
42A01NE0251 2.17367 GRENFELL

900

and 66(3) of the Mining Act. Under section 8 of the
nt work and correspond with the mining land holder.
of Northern Development and Mines, 6th Floor,

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

2.17367



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

Name <i>Kinross Gold Corporation</i>	Client Number <i>130666</i>
Address <i>40 King St W. 56th Floor Toronto, Ontario M5H 3Y2</i>	Telephone Number <i>416-365-5123</i>
	Fax Number
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 <i>Geological Survey</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>\$4403</i>
Dates Work Performed From <i>12 05 97</i> To <i>16 05 97</i> <small>Day Month Year Day Month Year</small>	NTS Reference
Global Positioning System Data (if available) <i>NTS 561000E 5331000N</i>	Township/Area <i>GRENFELL TWP</i>
	M or G-Plan Number <i>G-3212</i>
	Mining Division <i>Karder Lake</i>
	Resident Geologist District <i>K. Lake</i>

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 <i>Alastair Still</i>	Telephone Number <i>705-567-5208</i>
Address <i>Box 550 Kirkland Lake, Ontario P2N3J7</i>	Fax Number <i>705-568-3136</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, *A.C. Still* (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>[Signature]</i>	Date <i>May 16/97</i>
Agent's Address <i>[Address]</i>	Telephone Number
	Fax Number

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.

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	1647	\$4,892
1 1206101	7	\$1,850	—	1850	203
2 1205807	4	\$1,850	—	\$1850	
3 1206394	2	\$503	—	\$503	
4 1206258	3	—	\$1200	—	75
5 1206271	4	—	\$1600	—	75
6 1206272	1	—	\$400	—	13
7 1205805	2	—	\$800	—	40
8					
9					
10					
11					
12					
13					
14					
15				4,000	
Column Totals		\$4203	\$4000	4000	203

I, Alastair Still (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.

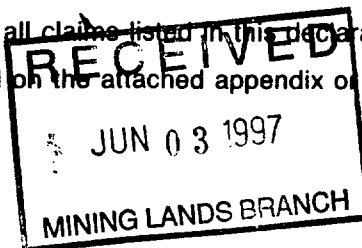
Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: May 14/97

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):

from 1206258 1st
1206272 2nd
1206271 3rd



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
97 JUN 16 PM 3 29	May 14/97	
	Date Approved	Total Value of Credit Approved
	[Signature]	
	Approved for Recording by Mining Recorder (Signature)	

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. 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
<i>Geological Survey</i>			
<i>A. Still Mapping/Report Prep.</i>	<i>5 days</i>	<i>\$250/day</i>	<i>\$1250</i>
<i>A. Lauzon Mapping</i>	<i>1 day</i>	<i>\$250/day</i>	<i>\$250</i>
<i>K. Ratke Mapping</i>	<i>1 day</i>	<i>\$250/day</i>	<i>\$250</i>

Associated Costs (e.g. supplies, mobilization and demobilization).

<i>Line Cutting</i>	<i>7.2km</i>	<i>\$325/km</i>	<i>2340</i>
---------------------	--------------	-----------------	-------------

RECEIVED
 JUN 03 1997
 MINING LANDS BRANCH

Transportation Costs

GAS

825

Food and Lodging Costs

Lunches

24

Total Value of Assessment Work

\$4203

Calculations of Filing Discounts:

- Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
- 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 x 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, *A. C. Still*, 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 *Kinross Gold Corporation* I am authorized to make this certification.
(please print full name)
(recorded holder, agent, or state company position with signing authority)

Signature 	Date <i>May 16/97</i>
---	--------------------------

July 23, 1997

Roy Spooner
Mining Recorder
4 Government Road East
Kirkland Lake, ON
P2N 1A2

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.17367

Status

Subject: Transaction Number(s): W9780.00487 Deemed Approval

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.

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

NOTE: This correspondence may affect the status of your mining lands. Please contact the Mining Recorder to determine the available options and the status of your claims.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jerome_l@torv05.ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.17367

Date Correspondence Sent: July 23, 1997

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9780.00487	1206101	GRENFELL	Deemed Approval	July 22, 1997

Section:

12 Geological GEOL

Correspondence to:

Mining Recorder
Kirkland Lake, ON

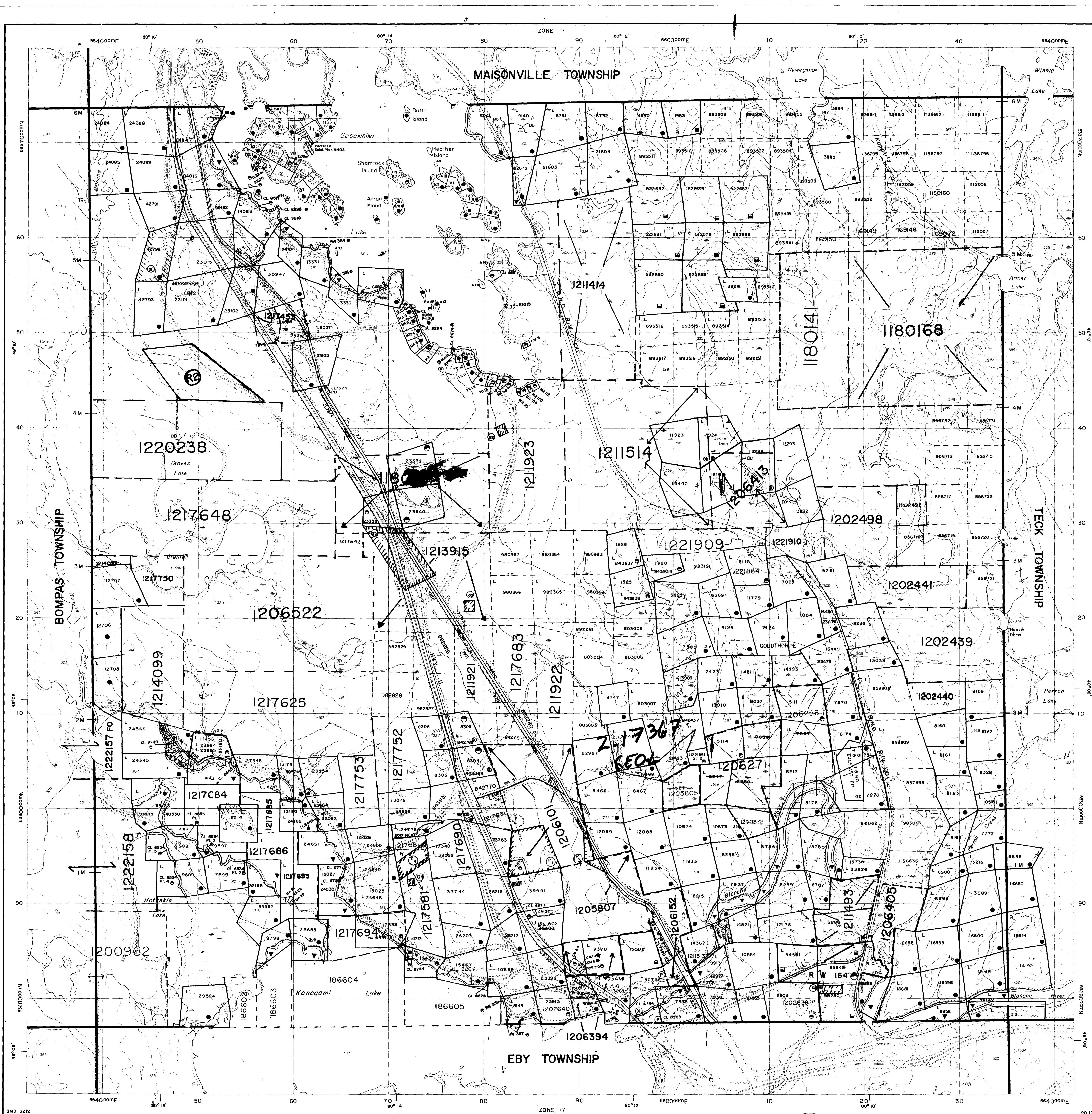
Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

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

ALASTAIR C. STILL
KIRKLAND LAKE, ON, CANADA

KINROSS GOLD CORPORATION
TORONTO, Ontario



Ministry of Natural Resources
 Ministry of Northern Development and Mines

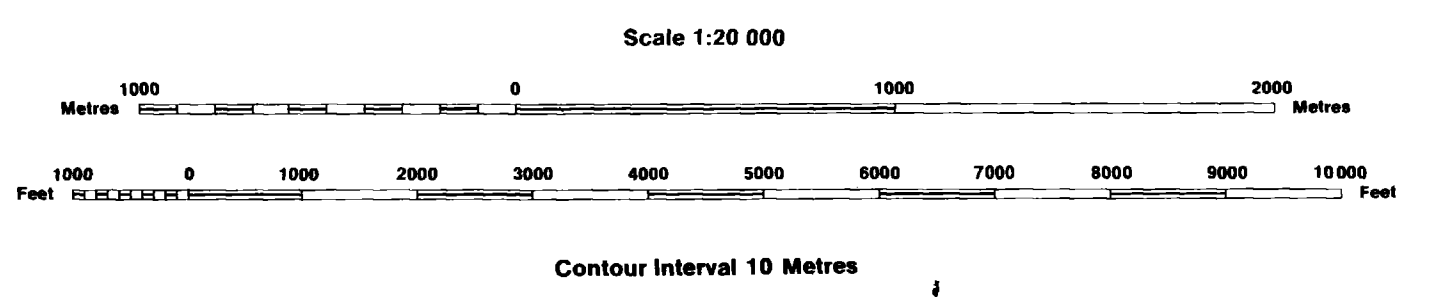


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INDEX TO LAND DISPOSITION

PLAN
G-3212
 TOWNSHIP
GRENFELL

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
 MINING DIVISION
LARDER LAKE
 LAND TITLES/REGISTRY DIVISION
TIMISKAMING



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	.....

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
 SRO - Surface Rights Only
 M + S - Mining and Surface Rights

SAND AND GRAVEL

- ⊙ GRAVEL FILE 127536
- ⊙ GRAVEL FILE 127784
- ⊙ M.T.C. GRAVEL PIT
- ⊙ GRAVEL FILE 64647

PENDING APPLICATION FOR SURFACE RIGHTS UNDER THE PUBLIC LANDS ACT

- Ⓣ TCPL (PIPELINE) APPLICATION FOR RIGHT OF WAY

Surface Rights Withdrawn under Sec. 36, The Mining Act R.S.O. 1990, ORDER NO. W-01/91/FOK (Trans Canada Pipeline Right of Way and Buffer Zone particularly 40.25 meters or 132 ft. on either side of centre line of right of way)

SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE SECTION, THE MINING ACT, RSO 1990 W-L-19/96 NER

NOTES

ALL ISLANDS IN SESEKINIK LAKE ARE WITHDRAWN FROM STAKING BY ORDER -IN-COUNCIL DATE DECEMBER 7, 1921

NOTICE OF FORESTRY ACTIVITY
 THIS TOWNSHIP/AREA FALLS WITHIN THE TIMISKAMING MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129 SWASTIKA, ONTARIO P0K-1T0 705-642-3222

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	.....
Cancelled	.....
Reservation	.....
Sand & Gravel	.....

ARCHIVED JUNE 12, 1996

CIRCULATED AUG. 11, 1992 B.R.B.
 ARCHIVED DECEMBER 12, 1993
 ARCHIVED JUN. 12, 1996

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

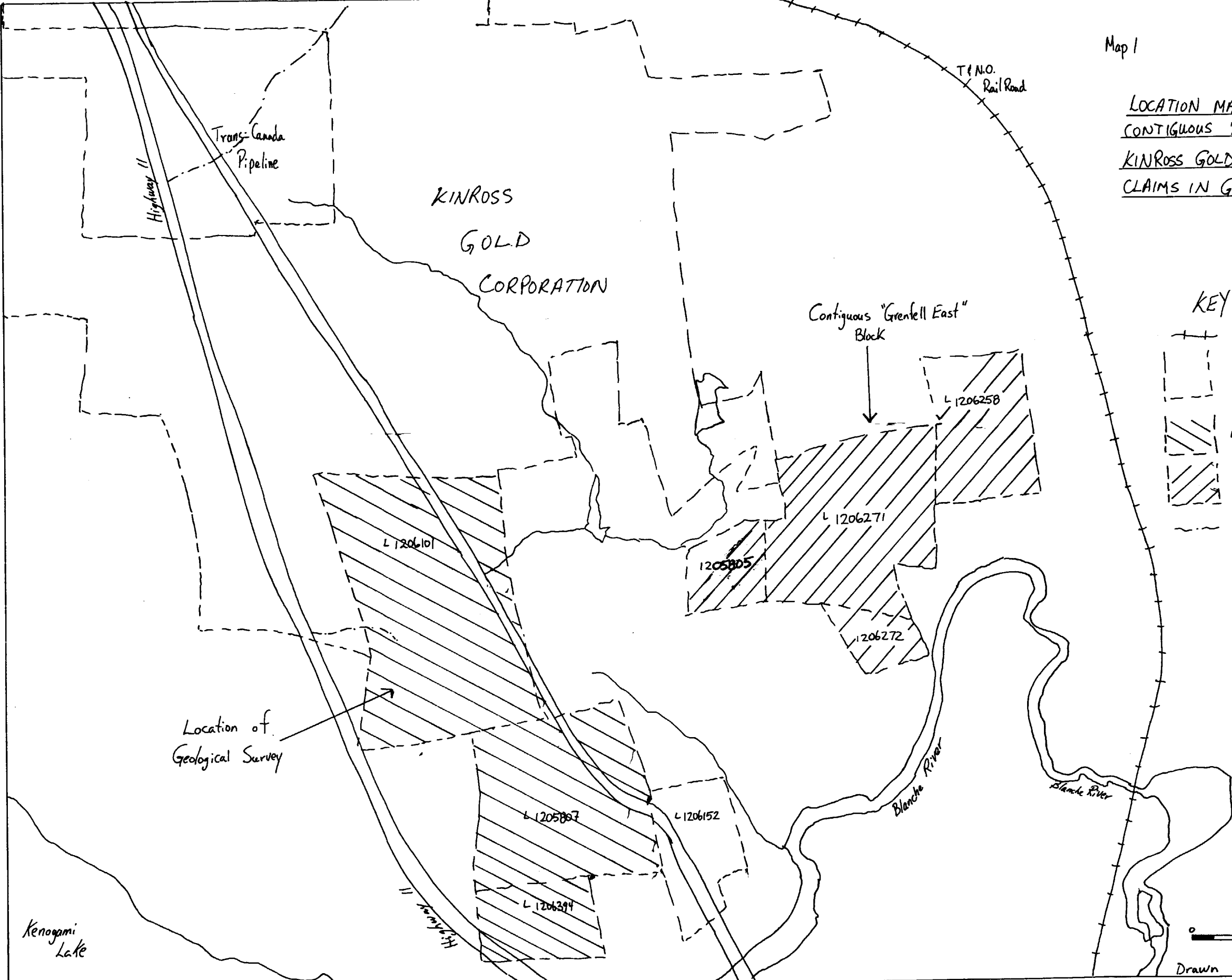
The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

G-3212

GRENFELL TWP

G-3212

LOCATION MAP SHOWING
CONTIGUOUS NATURE OF
KINROSS GOLD CORPORATION
CLAIMS IN GRENFELL TWP.



- KEY**
- +—+— Railroad
 - - - Area of Kinross Claims
 - ▨ Location of Geological Survey
 - ▧ Claims where assessment Work is applied.
 - - - Gravel Road

North
(Astronomic)

Scale 1:20,000

0 500 1000
Feet

Drawn by A.C. Still May 15, 1997



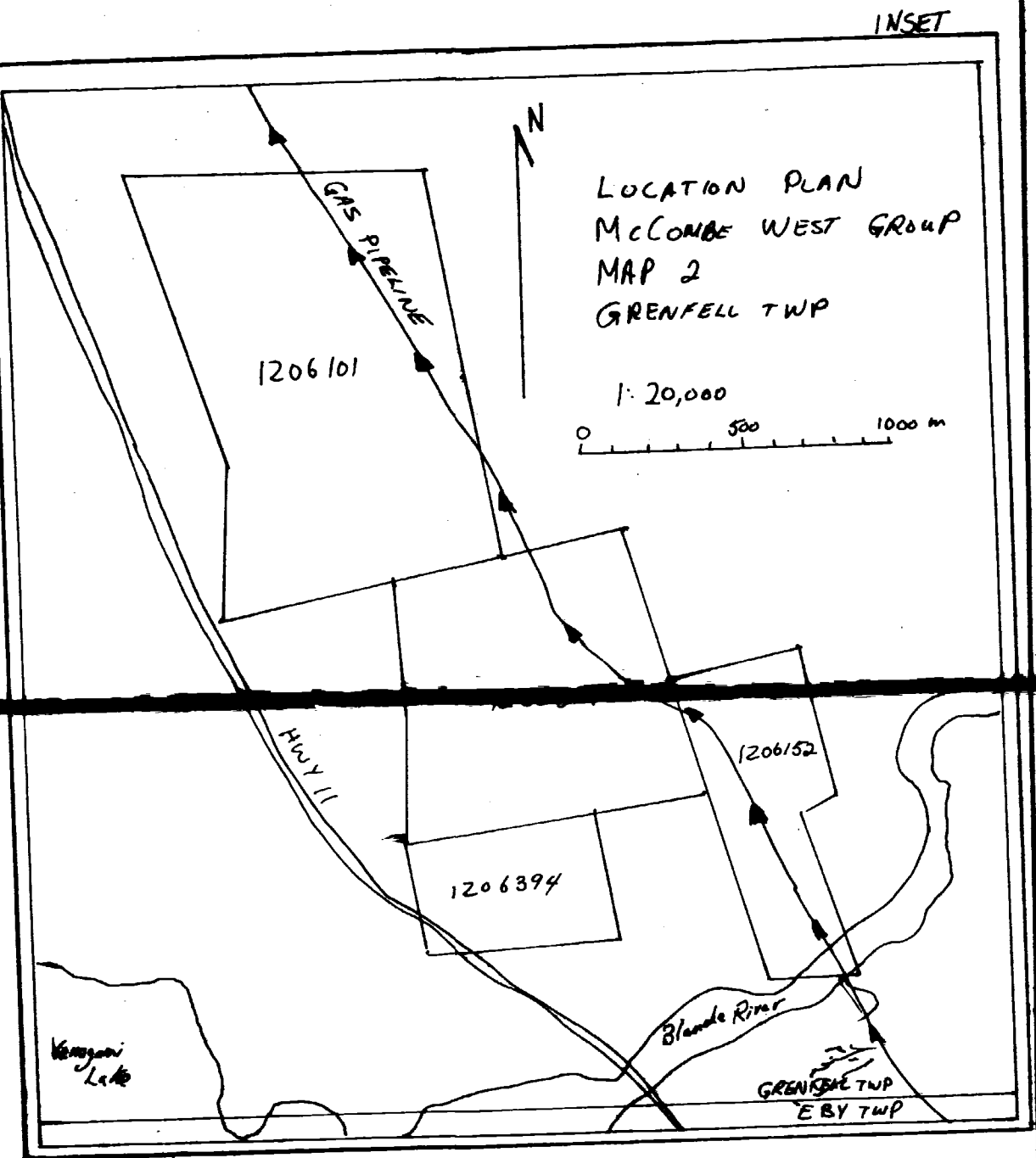
GEOLOGICAL MAPPING AND SAMPLING

McCombe West Group

Map 2

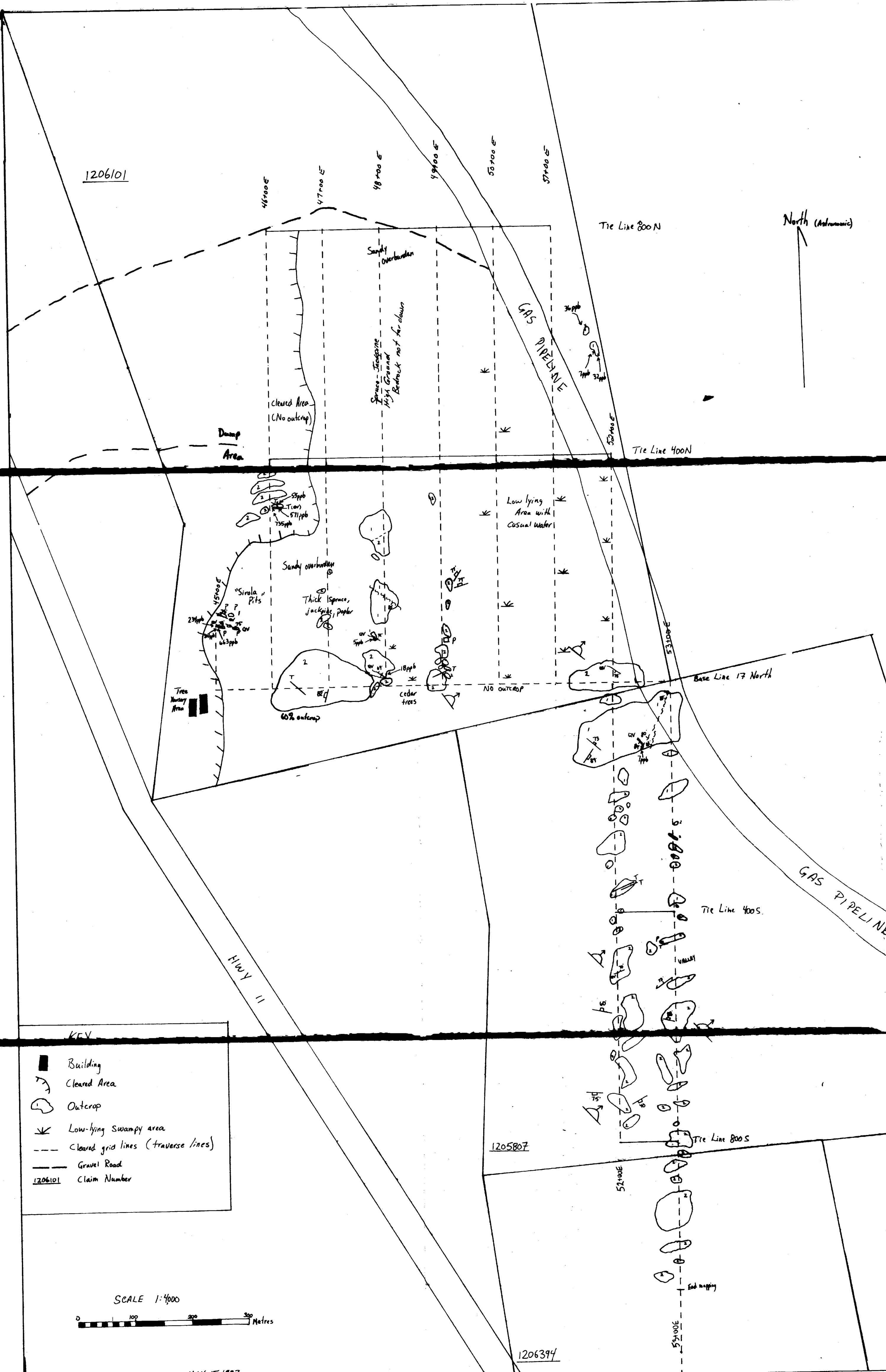


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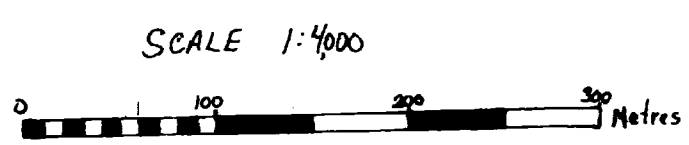
GEOLOGY LEGEND	
1	Undifferentiated intermediate and mafic volcanic rocks. Largely massive basalt, local chlorite and epidote alteration.
2	Pillowed basalt. Local chlorite and epidote alteration, chlorite-rich selvages with local silicification and quartz veining.

SYMBOLS	
□ P	Pit
— T	Trench
x 75pb	Assay Result (ppb Au)
→	Flow Top Direction
—/—	Fault (with dip)
—/—	Quartz Vein (with dip)
—/—	Shearing (with dip)
—/—	Prominent Jointing (with dip)
—/—	Foliation (with dip)



KEY

■	Building
→	Cleared Area
○	Outcrop
↘	Low-lying Swampy area
---	Cleared grid lines (traverse /ines)
---	Gravel Road
1206101	Claim Number



DRAWN BY A.C. STILL MAY 15, 1997