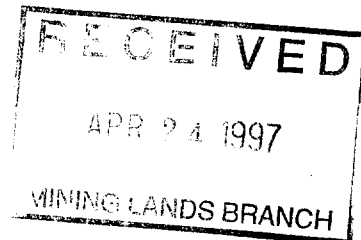


2.17322

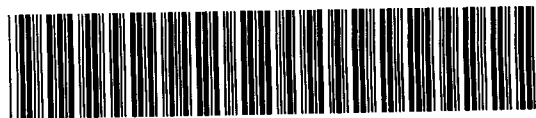
**REPORT ON PROSPECTING ON THE
BARRY McCOMBE GRENFELL-WEST GROUP,
GRENFELL TOWNSHIP
FOR THE YEARS 1995 & 1996.**



PREPARED BY: F.R. PLOEGER, B.Sc., FGAC

APRIL 11, 1997

Qual. # 2.3993



42A01NE0312 2 17325 GRENFELL

LOCATION: The property comprises 6 unpatented mining claims in south central Grenfell Township (G- 3212) numbered 1205807, 1206101, 1206152, 1206394, 1211513, and 1211515 totalling 18 units. 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).

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.

GEOLOGY: The south part of Grenfell Twp was mapped by Thomson (1950) and the entire township by Grant (1962). 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.

PROSPECTING: Both the McCombe west and east groups were prospected by Mr McCombe and his assistants/ helpers in 1995 following the completion of staking of the claims (April 16) until the onset of winter (October 27). In total, Mr McCombe logged 41 days prospecting and his helpers, 10 days . In 1996, Mr McCombe spent a total of 48 days walking over the claims (prospecting), including 6 days of beep mat surveying, while his assistants spent a total of 18 days on the west group. Prospecting was combined with stripping and sampling of old trenches and areas of interest which are reported separately. His helpers included Ernie Chi Chi, Eric Marion, Claude Petit, Gaston Gagne, Albert Arcand Jr, Derick Laing and George Thompson. All the areas covered in this report are displayed on Maps 1 & 2.

As Mr McCombe was relatively inexperienced at prospecting, traverses initially followed the roads, gas pipeline and claim lines (see attached maps) until Mr McCombe became familiar with the terrain and topography of the west group. He then began short traverses into the central portions of the group and utilized the Blanche River to get into the southeasterly part of the group. At certain times he operated from a tent base camp set up in the middle of the group just west of the gas pipeline right-of-way. The accompanying maps outline the dominant areas that were prospected by Mr McCombe in 1995 and 1996.

In general, Mr McCombe found a fairly even outcrop distribution covering the property except for the northern three-quarters of claim 1206101 which is mainly underlain by sandy jack pine and mixed bush covered areas with only scattered outcrop. Most of the host rocks comprised dark mafic fine to coarse grained mafic flows with occasional pillowed, fragmental and porphyritic horizons. Cobalt conglomerates outcrops occur along the south one third of claim 1201652.

Mr McCombe reported finding numerous old trenches, pits and shafts along his traverse lines as well as carbonatized, silicified, pyritized and oxidized zones in the host rocks. Old trenches and pits were investigated and flagged for follow-up cleaning/ stripping and sampling. This work is reported under separate cover. Several grab samples of host rock and mineralized vein and dump material were taken during the traverses. A number of new areas of interest that had not previously been worked were uncovered by Mr McCombe near rock cuts adjacent to the gas

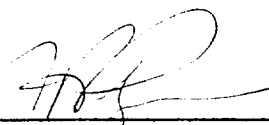
thought to be a piece of float and yielded initial values of 0.08 opt. Another area about 4000' north of the " gossan zone " returned assays of up to 0.144 opt from grab samples.

As a result of the extensive prospecting and follow-up stripping of old trenches , pits and areas of interest, Mr McCombe was able to option his property to a major company in early 1997.

QUALIFICATIONS

I, FRANK R. PLOEGER, DECLARE THAT:

- 1) I reside at 71 Ninth Avenue in Larder Lake, Ontario, Canada, P0K 1L0;
- 2) I graduated from Queens University in Kingston in 1973 with a B.Sc degree in Applied Science (Geology);
- 3) I have practiced my profession as a geologist continuously since graduation;
- 4) I am a Fellow of the Geological Association of Canada;
- 5) I twice visited the property and examined and documented most of the pertinent areas referred to in this report;
- 6) This report and the associated costs are based on information such as receipts, work records, assay certificates, etc. supplied by Mr McCombe as well as interviews with Mr McCombe and personal knowledge of the property from the two site visits mentioned above.


Apr 18/97

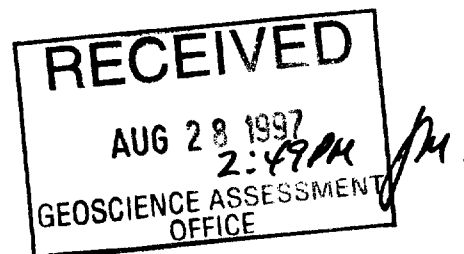
F.R. Ploeger, B.Sc, FGAC

GRENFELL WEST GROUP - PROSPECTING

Submission Number: 2.173 ~~10~~
25

REVISIONS

- ◆ Beep Map Results
- ◆ Description Of Observations
- ◆ Signatures and Licence Numbers of those who performed the work
- ◆ Traverse lines with outcrop locations and descriptions
- ◆ Overburden descriptions



Between: HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF ONTARIO,
as requested by the Ministry of Northern Development and
Mines, here-in-after designated "the Ministry".

and: Barry McCombe (Name)

84 McLaughlin Ave (Address)

Kirkland Lake ON

P2N 2K8 (Postal Code)

Tel: (705) 568-8502 Fax: () _____

Driver's Licence Number _____
here-in-after designated "the prospector".

1. The Ministry provides this Beep Mat to the prospector with no charge to use for a period of 5 consecutive days (maximum of 7 consecutive days). The prospector is an independent contractor, not paid by any incorporated company nor paid as a consultant.
2. Before using the Beep Mat, the prospector shall read the instruction manual and if possible, have taken the field course on the proper use of the Beep Mat.
3. If the Beep Mat is stolen or lost or damaged, while in the possession of the prospector, the provision of the full replacement value, or repairs of the Beep Mat is the responsibility of the prospector.
4. The prospector, forever releases, discharges, holds harmless and indemnifies HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF ONTARIO, her officers, employees, servants, agents and volunteers, from and against any and all claims, demands, costs, losses, damages, actions, suits, or other proceedings, arising out of or in consequence of the prospector's use of the Beep Mat, including special consequential damages, which may be made or brought against any of them by any person including the prospector.

Dated at Kirkland Lake this 8 day of May, 1996

[Signature]
Witness's Signature)

Barry McCombe
User's Signature)

David Cameron
Witness's Name (Print))

Beep Mat Serial Number _____

MINISTRY OF NORTHERN DEVELOPMENT AND MINES per David Cameron

to be returned Monday May 13

SUMMARY OF BEEP MAT SURVEYING

The beep mat traverses were conducted by B. McCombe and his assistants for a total of 6 consecutive days (May 8 - May 13, 1996). A copy of the "free rental contract" with the ministry has been included.

Mr. McCombe conducted several days of traversing with the beep mat, and reported a nearly constant ringing with no discernable zones being established. Mr. McCombe then went back to the resident geologist's office in Kirkland Lake to speak with geologist Mr. David Guindon (567-5242). The following day Mr. Guindon accompanied Mr. McCombe on traverses with the beep mat. Based on personal observations, Mr. Guindon reported to Mr. McCombe that the sulphides in the rocks on the claims being prospected were too fine to be detected by the beep map, and that abnormally high magnetite concentrations in the rocks accounted for the constant ringing of the beep map.

CONCLUSIONS

- ◆ Sulphides in the rocks are too fine to be detected by the beep mat.
- ◆ Abnormally high magnetite concentrations in the rocks make use of the beep mat unbeneficial in this area.

GRENFELL WEST GROUP - PROSPECTING

August 21, 1997

This is to certify that all reported information related to prospecting on the Grenfell West group of claims is a fair and reasonably accurate account of work that I personally conducted and supervised on the dates listed in the report.

B. McCombe Barry McCombe, K22-682

This certifies that the following persons listed below, did in fact assist Mr. McCombe with prospecting on the Grenfell west group of claims.

E. Chi Chi E. Chi Chi

E. Marion _____ - Unavailable.

C. Petit Receipt Attached

~~G. Gagne~~ Staking Only

A. Arcand Jr. Albert Arcand JR K22719

D. Laing D. Laing K22-727

G. Thompson G. Thompson K22-736

PROSPECTING GRENFELL WEST

OBSERVATIONS

Individual outcrop locations are shown on the accompanying base maps for this claim group. All outcrop locations in this area contained light and dark green mafic volcanics except for the extreme southern portion of claim 1206152 (see map 2). This area was prospected by Mr. McCombe as one of his first attempts at prospecting.

The mafic volcanics consist of fine to coarse-grained massive flow volcanics with occasional pillowed, fragmental, and porphyritic horizons. An interesting outcrop feature attributed to a flow top breccia was observed on claim 1205807, in the southeast corner (see outcrop labelled 2b, map 2). This zone on an outcrop measuring some 50' x 35' contained rounded and sub-rounded volcanic fragments to 15 cm in diameter in a fine-grained volcanic matrix. Most of the outcrop appeared fresh and largely unaltered except for minor epidote staining which is common in the area. Many of the fragments were deformed and stretched in cigar-like shapes with random orientations.

Another outcrop of interest is also in the southeast corner of claim 1205807 (see outcrop labelled 2c, map 2). This outcrop approximately 20' x 25' in dimension, contains a spotted massive volcanic rock. This rock contains carbonate-rich filled vesicles to 3 cm in diameter. It is overall well carbonatized, but shows no sign of significant mineralization.

The conglomerates are shown in the southern half of claim 1206152 (outcrops labelled 1, map 2). These conglomerates are part of the Cobalt formation which unconformably overlies the volcanic rocks. The conglomerates are fresh and largely unaltered. They consist of a grey to brown sandy matrix which supports large pebbles to 15 cm diameter of various igneous rock types. These conglomerates do not contain red jasper pebbles characteristic of Timiskaming conglomerates.

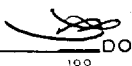


BLUELINE

DATE Sept 2 1996

RECEIVED FROM
RECU DE

Barry McCombe

Three thousand five hundred  100 DOLLARS

2550B

FOR
POUR

420 John Deere Bulldozer

FROM
DE

TO
A

\$ 3500.00

BY
PAR Claude Pett

Personal information collected under the Access to Information Act, the Information Access Act, the Privacy Act and the Personal Information Protection Act. For more information, contact the Information Access Centre, 933 Ramsey Lake Road, Sudbury, Ontario S9H 8H4.



if the Mining Act. Under section 8 of the Mining Act, the information provided in this declaration corresponds with the mining land holder, as recorded in the Mining Land Register, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario S9H 8H4.

900

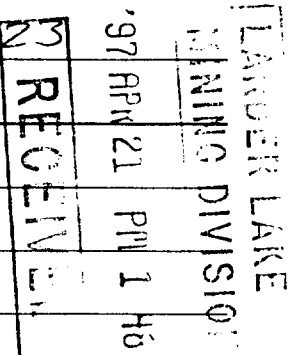
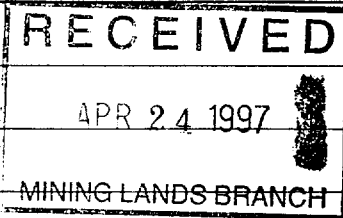
Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

2.17325

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</i>	Telephone Number <i>416-365-5123</i>
<i>TORONTO, ONT. M5H 3Y2</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>PROSPECTING - GOLD (GRENFELL WEST)</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>18,263</i>
Dates Work Performed From <i>16 04 95</i> To <i>27 10 96</i>	NTS Reference
Global Positioning System Data (if available) <i>NTS - 559000 E 5329500 N</i>	Mining Division <i>Leader Lake</i>
Township/Area <i>GRENFELL TWP.</i>	Resident Geologist District <i>Kirkland Lake</i>
M or G-Plan Number <i>G-3212</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>F.R. PLOEGER % KINROSS GOLD CORPORATION</i>	Telephone Number <i>705-567-5208</i>
Address <i>BOX 550, KIRKLAND LAKE, ONT P2N 3J7</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, *F.R. PLOEGER* (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>APR 19/97</i>
Agent's Address <i>see above</i>	Telephone Number
	Fax Number

D... 1 - 6.1. 20 107

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.

W9790.00316

18263

eg	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	1205807-	4	4832-	3250-	32-	1600-
2	1206101-	7	4831-	5650-	-	-
3	1206152-	3	7300-	2400-	2737-	2163-
4	1206394-	2	400-	1600-	-	-
5	1211513-	1	0	800-	-	0
6	1211515-	1	900-	800-	-	100-
7						
8						
9						
10						
11						
12						
13						
14						
15						
Column Totals			18263	14400	2769	3863

2.17325

5 cla.
10 units

RECEIVED
APR 24 1997
MINING LANDS BRANCH

I, F.R. PLOENGE, 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: Apr 19/97

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):

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

97 APR 21 PM 1 48

MINING DIVISION

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
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
PROSPECTING - GRENFELL WEST.			
B. McCOMBE (195)	41 days.	@150 ⁰⁰ /day	6150. ⁰⁰
HELPERS (195)	10 days.	@100 ⁰⁰ /day	1000. ⁰⁰
B. McCOMBE (196)	48 days.	@150 ⁰⁰ /day	7200. ⁰⁰
HELPERS (196)	18 days.	@100 ⁰⁰ /day	1800. ⁰⁰
Associated Costs (e.g. supplies, mobilization and demobilization).			
Supplies - maps, reports, stationery etc			571. ⁰⁰
report & maps / consultant.			300. ⁰⁰
2.17325			
Transportation Costs			
gas			792. ⁰⁰
Food and Lodging Costs			
meals			450. ⁰⁰
Total Value of Assessment Work			\$ 18,263⁰⁰

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:

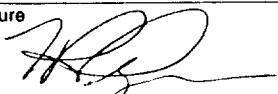
TOTAL VALUE OF ASSESSMENT WORK $\times 0.50 =$ Total \$ value of worked claimed.

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, F. R. FLOEGER (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 AGENT (KINROSS GOLD CORPORATION) (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature 	Date Apr 19/97
---	-------------------

August 24, 1997

KINROSS GOLD CORPORATION
40 KING STREET WEST
56TH FLOOR
TORONTO, Ontario
M5H-3Y2

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

Telephone: (888) 415-9846
Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.17325

Status

Subject: Transaction Number(s): W9780.00316 Approval After Notice

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.

If you have any questions regarding this correspondence, please contact Bruce Gates by e-mail at gates_b@torv05.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

Submission Number: 2.17325

Date Correspondence Sent: August 24, 1997

Assessor: Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9780.00316	1200393	GRENFELL	Approval After Notice	September 01, 1997

Section:

9 Prospecting PROSP

The 45 days outlined in the Notice dated July 18, 1997 have passed. The deficiencies have not been fully addressed, particularly the dates worked and traverses tied to days. From the information provided on the maps we have allowed 37 days prospecting + 6 days with the beep mat + 28 days for the helpers = \$9,250. A reduction of \$6,900 from the labour being claimed. All other costs are as reported.

The assessment credit is being reduced by \$6,900. The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is \$11,363.

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

Correspondence to:

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

Distribution of Assessment Work Credit

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

Date: August 24, 1997

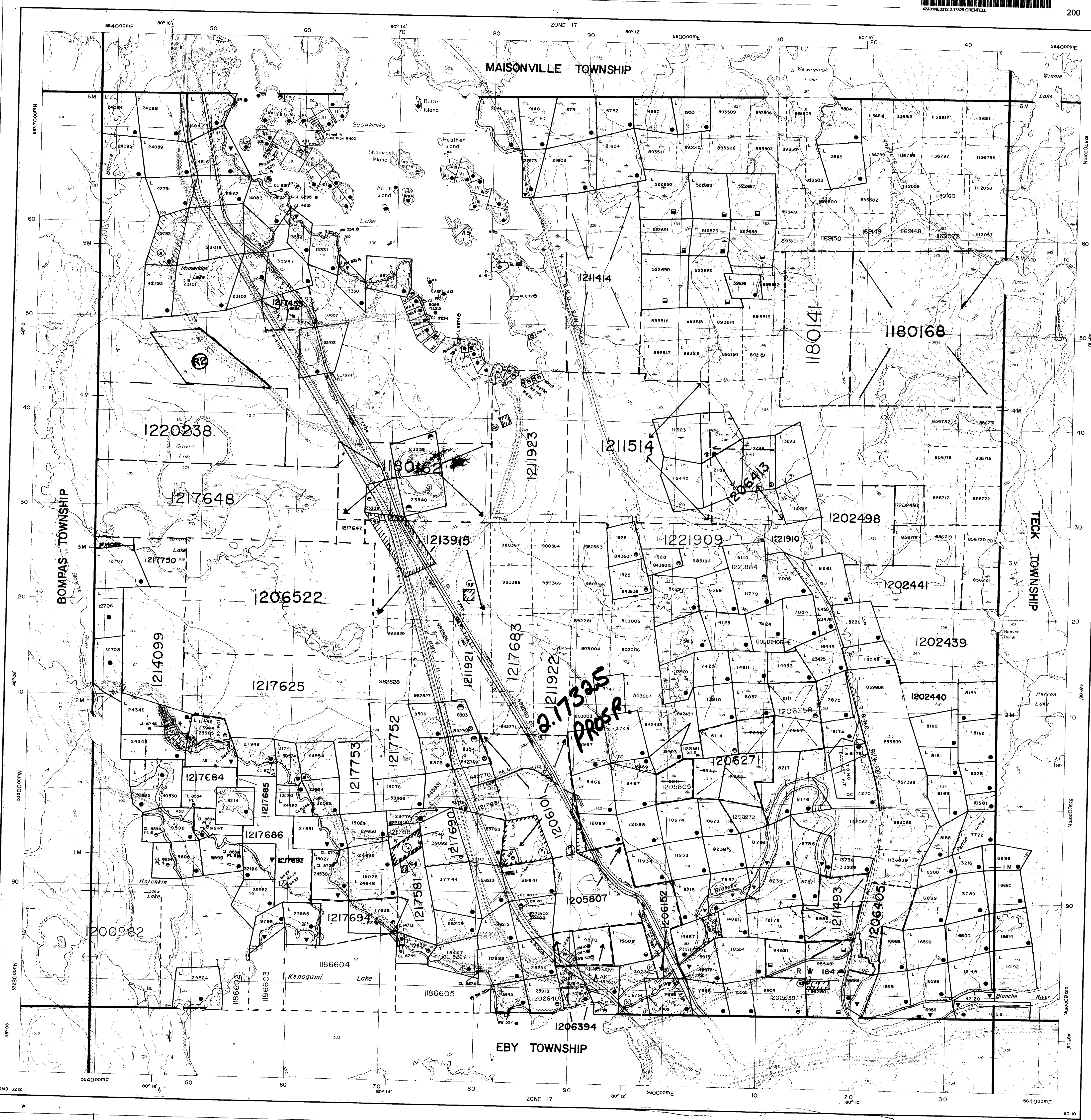
Submission Number: 2.17325

Transaction Number: W9780.00316

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1205807	3,006.00
1206101	3,006.00
1206152	4,542.00
1206394	249.00
1211513	0.00
1211515	560.00
Total: \$	11,363.00



600



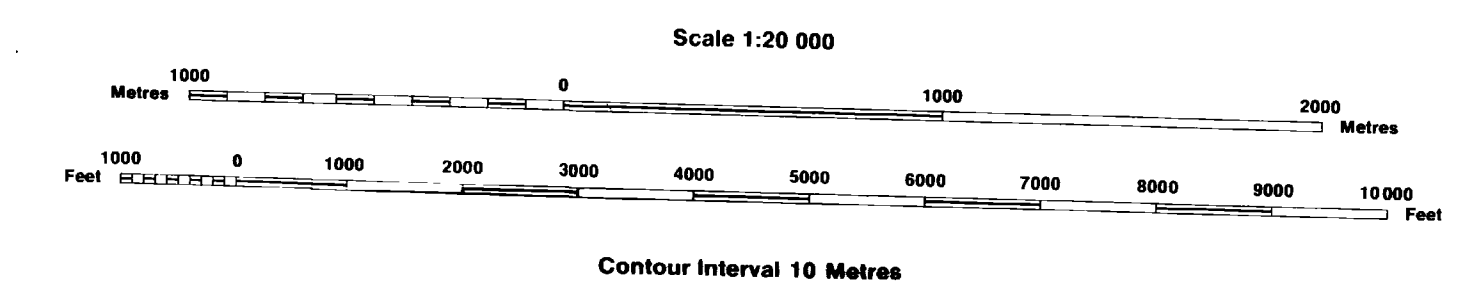
Ministry of Natural Resources
Ontario
Ministry of Northern Development and Mines

INDEX TO LAND DISPOSITION

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	-----
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/ONT (Trans Canada Pipeline Right of Way and Buffer Zone (approximately 40.25 metres 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, R.S.O. 1990 W-L-19/96 NER

NOTES

ALL ISLANDS IN SESENIKIA 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	-----

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES. 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.

ARCHIVED JUNE 12, 1996
CIRCULATED AUG. 11, 1992 B.R.B.
ARCHIVED BY GRENFELL

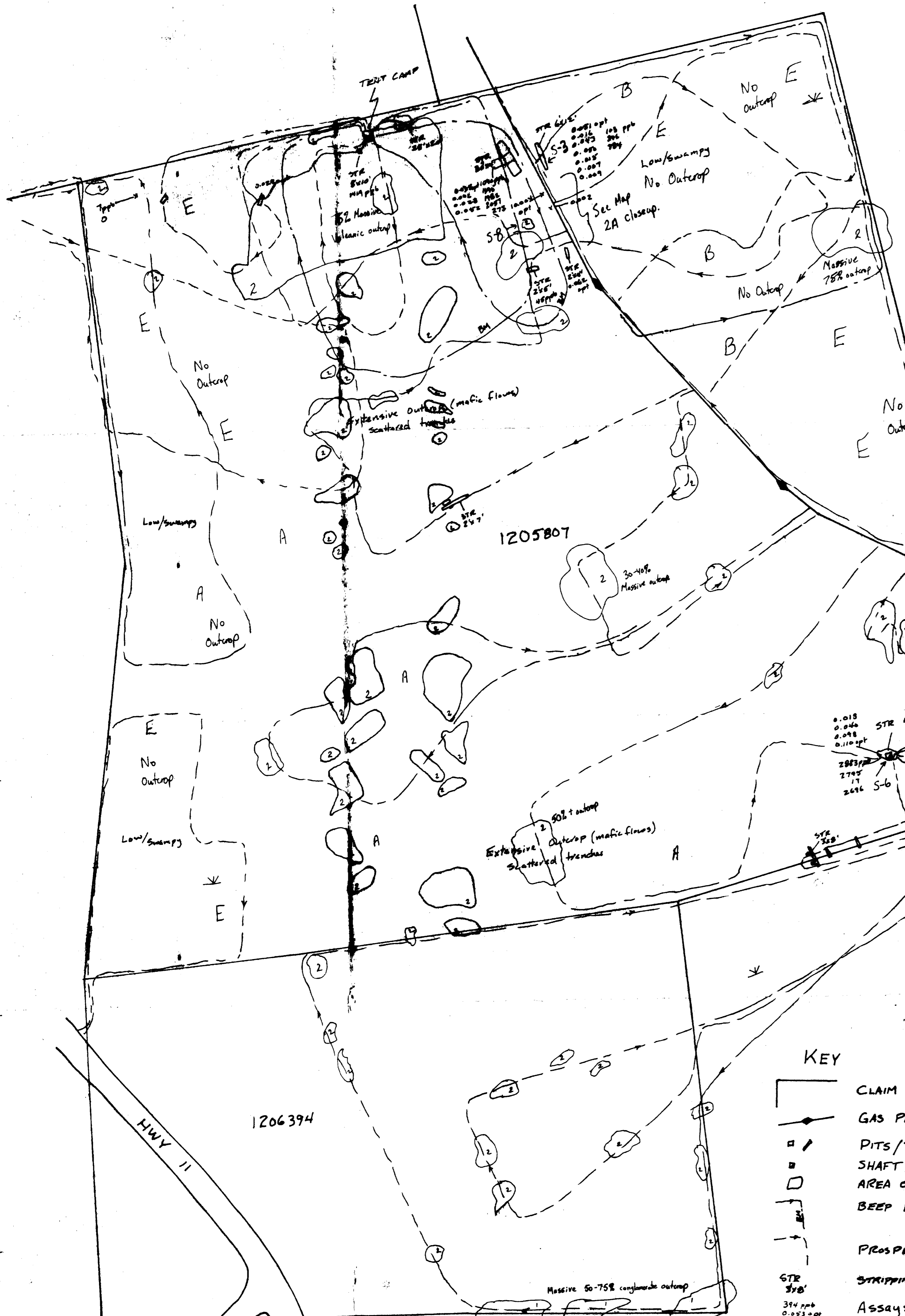
Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

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

G-3212

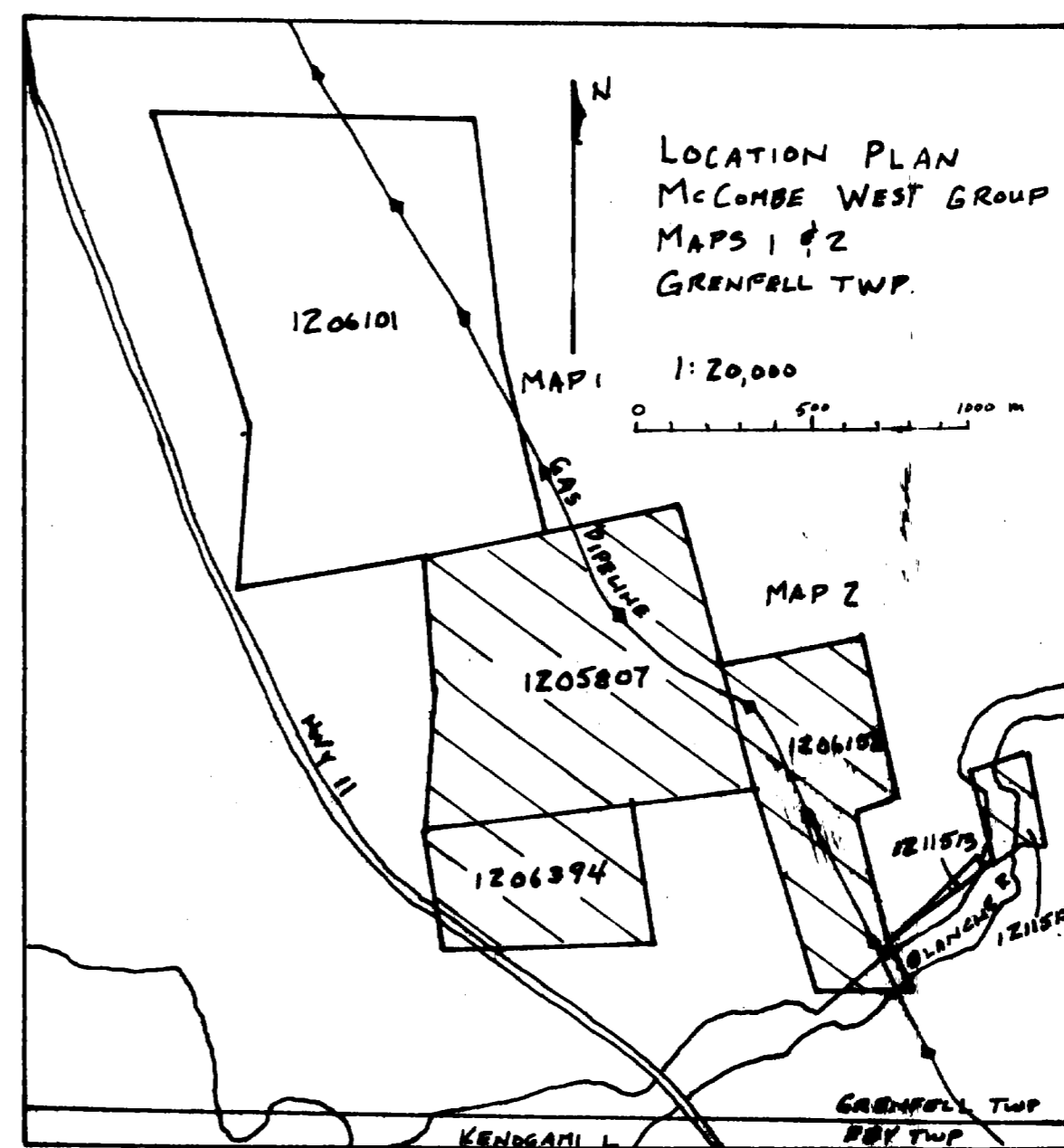
GRENFELL TWP.

G-3212



VEGETATION

- A - No outcrop. Mainly mature Poplar with minor spruce and jackpine. Solid high ground.
- B - No outcrop. Denser mature spruce and jackpine with minor Poplar and cedar. High sandy ground.
- C - No outcrop. Mainly mature and scabby cedar with minor spruce and jackpine. Low poorly drained ground.
- D - No outcrop. Mature spruce and jackpine with very little brush cover. Well drained sandy soil.
- E - No outcrop. Scrubby brush with mainly toy alder and small poplars. Low poorly drained areas.



OUTCROP DESCRIPTIONS (Geology)

- 1 Conglomerate: Fresh gray to brown sandy matrix supported conglomerate large pebbles to 20cm diameter, rounded multiple igneous rock types.
- 2 Dark Green Volcanics: Mafic volcanics, locally with pillow features, fine to medium grained.
- 2a Rounded to subrounded fragments in volcanics to 15cm diameter. Possible flow top breccia.
- 2c Spotted Vesicular volcanics (to 3cm diam).

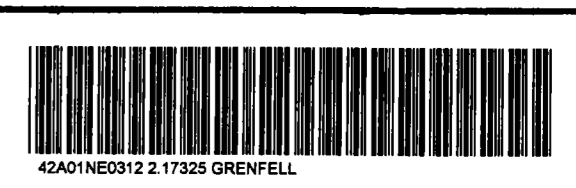
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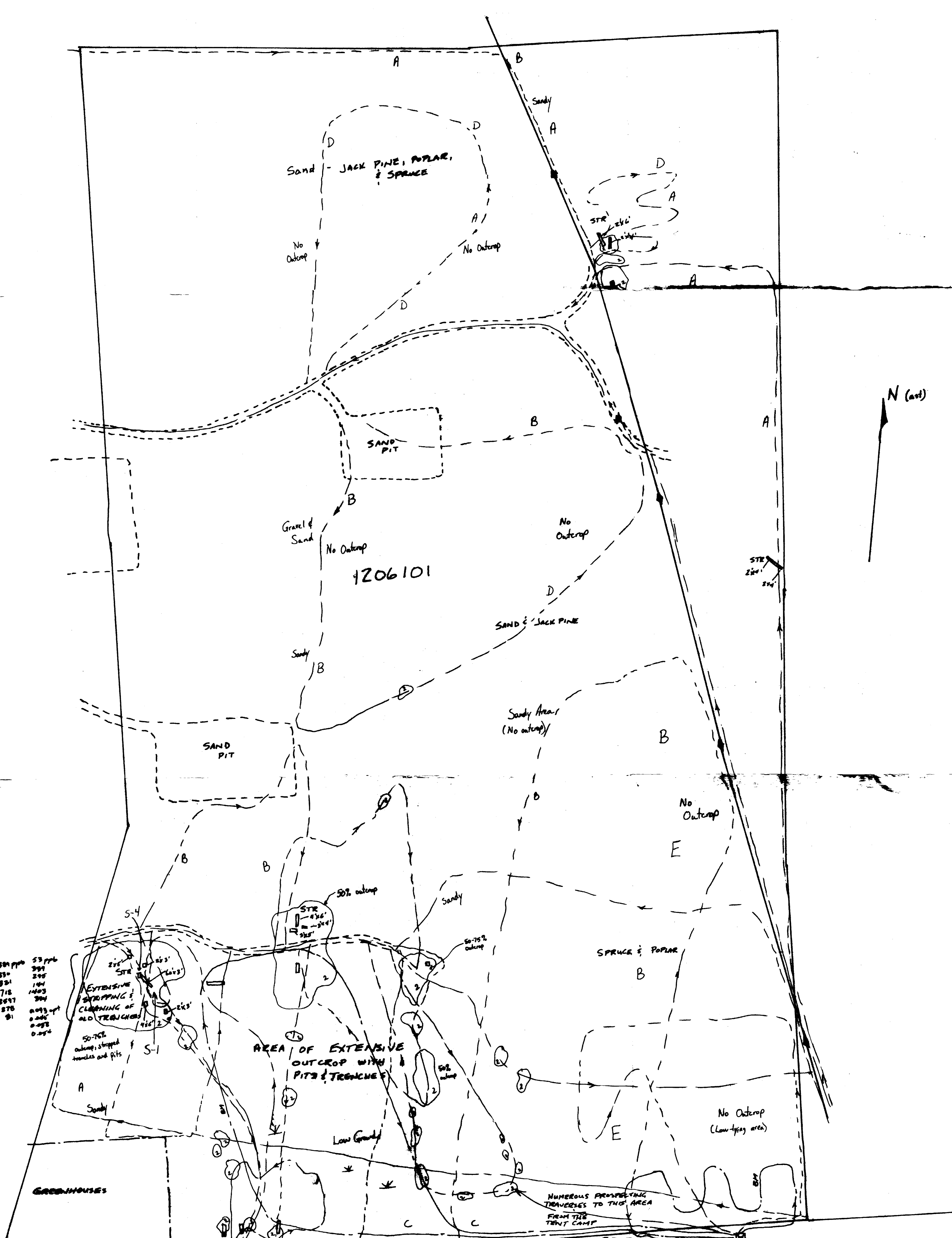
- CLAIM LINE
- GAS PIPELINE
- PITS/TRENCHES
- SHAFT/TIMBERED PIT
- AREA OF EXTENSIVE STRIPPING
- BEEP MAP TRAVERSE
- PROSPECTING TRAVERSE
- STR STRIPPING / DIMENSIONS
- 374 ppb 0.003 ppt ASSAYS
- Downslope of Ridge.
- Low Swampy Area
- S-1 Stripped area with detailed sketch attached.

PROSPECTING & STRIPPING
McCOMBE WEST GROUP
GRENPELL TWP
MAP 2

Scale: 1" = 200'

DRAWN BY: F.R. PLOEGER APRIL 11/97

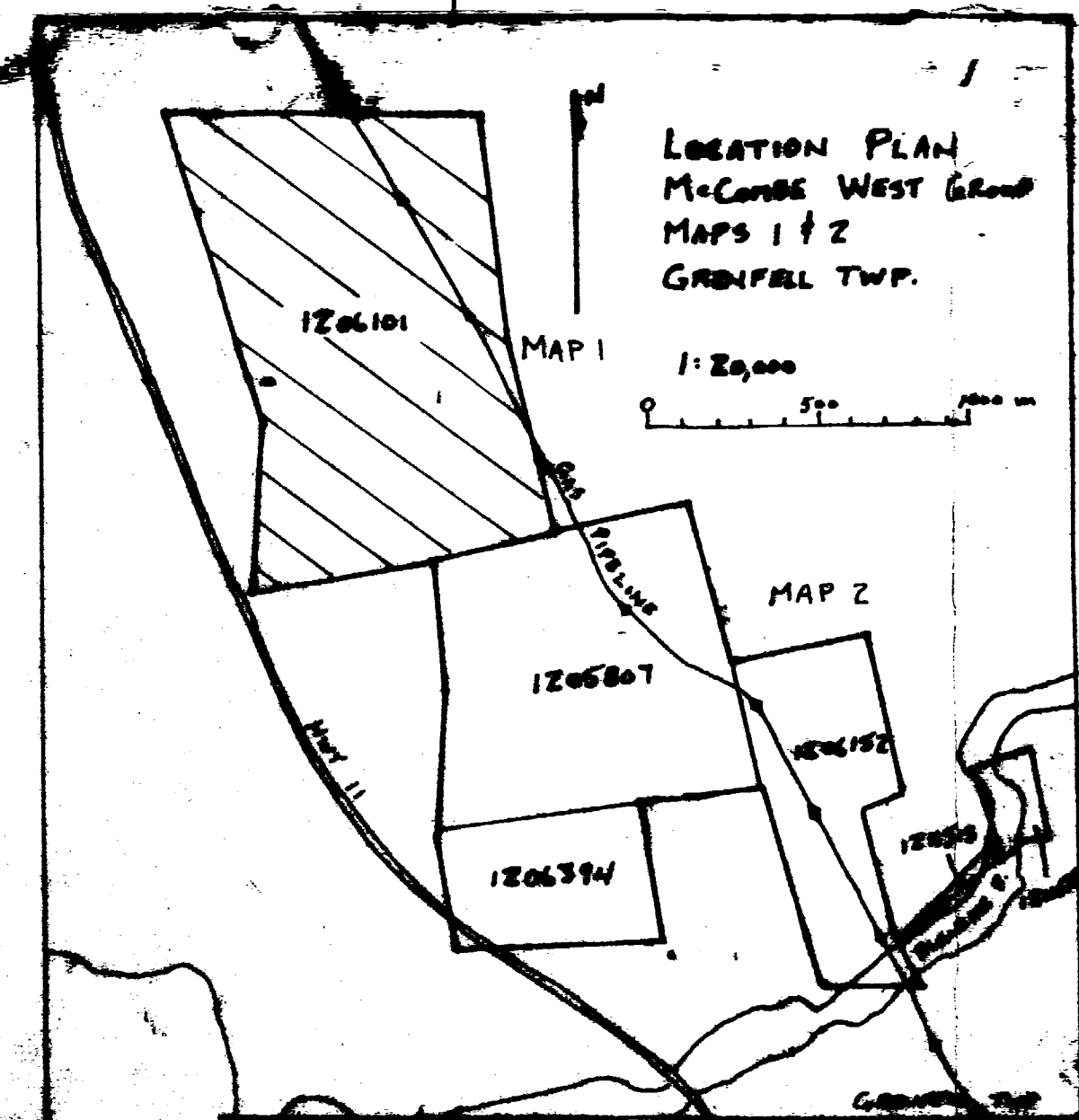




304 ppb	53 ppb
831	299
718	104
2077	1403
876	304
81	0.013 up
	0.005
	0.008
	0.004

- VEGETATION**
- A - No outcrop. Mainly mature poplar with minor spruce and jackpine. Solid high ground.
 - B - No outcrop. Dense mature spruce and jackpine with minor poplar and cedar. High sandy ground.
 - C - No outcrop. Mainly mature and stately cedar with minor spruce and jackpine. Low poorly drained ground.
 - D - No outcrop. Mature spruce and jackpine with very little forest cover. Well drained sandy soil.
 - E - No outcrop. Sandy bed with mainly tall spruce and poplar. Low poorly drained areas.

- KEY**
- CLAIM LINE
 - - - BUSH ROAD
 - GAS PIPELINE
 - / PITS/TRENCHES
 - SHAFT/TIMBERED PIT
 - BUMP MAP TRENCH
 - PROSPECTING TRENCHES
 - STR 4' x 8' STRIPPING / DIMENSIONS
 - ASSAYS
 - Low Swampy Area
 - S-1 Stripped area with detailed sketch attached.



PROSPECTING & STRIPPING
McCOMBE WEST GROUP
GREENFELL TWP.
MAP 1

- OUTCROP DESCRIPTIONS (GEOLOGY)**
- 1 Conglomerate: Fresh gray to brown sandy matrix supported conglomerate. Large pebbles to 20cm diameter, rounded, multiple igneous rock types.
 - 2 Dark Green Volcanics: Mafic volcanics, locally with pillow features, fine to medium grained.

0 200 400 600 800 Feet
 Scale: 1" = 200'
 Drawn by: F.R. PROEGER April 11/97

