Co-ords 1600.0 N 1400.0 E HOLE NO.: GR96-1

DIAMOND DRILL RECORD

Azimuth: 30.0

Dip: -47.0

Elevation 1000.0

Length: 316.5

Property: Grenfell
Purpose: Test VLF Anomaly
Drilled by: K+B DRILLING
Date Started: May 28, 1996
Date Completed: June 14, 1996
Logged by: S. Carmichael Aug. 20, 1996
Core Size: AQ
Claim Number: 1206413

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MINING LANDS BRANCH

Longitude 14+00 E
Latitude 16+00 N

Dip Tests



010

2.17093

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
.00	21.00	CASING						
21.00	55.50	FELDSPAR PORPHYRY						
		Brick red/brown medium-grained porphyry. Weakly to moderately fractured with 10% quartz veins and	5418	21.00	25.00	4.00	7	nil
			5419	25.00	29.00	4.00	26	tr

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
		stringers.	5420	29.00	33.00	4.00	38	tr
		Mineralized throughout with 5-8% disseminated pyrite.	5421	33.00	37.00	4.00	2	nil
			5422	37.00	41.00	4.00	106	tr
			5423	41.00	45.00	4.00	130	tr
			5424	45.00	49.00	4.00	206	.006
			5425	49.00	52.10	3.10	389	.011
			5426	52.10	55.50	3.40	54	tr
55.50	316.50	ANDESITE						
		Light grey/green fine grained andesite flow. Massive,						
		<1% quartz stringers, nil pyrite.						
		316.50 END OF HOLE.						
		Core stored at Doetzel residence, King Kirkland.						



Co-ords 1599.0 N 1400.0 E HOLE NO.: GR96-2

DIAMOND DRILL RECORD

Azimuth: 30.0

Dip: -90.0

Elevation 1000.0

Length: 56.5

Property: Grenfell
Purpose: Test VLF Anomaly
Drilled by:
Date Started: June 14, 1996
Date Completed: June 20, 1996
Logged by: S. Carmichael Aug. 20, 1996
Core Size: AQ
Claim Number: 1206413

Longitude 14+00 E
Latitude 15+99 N

Dip Tests

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
.00	10.00	CASING						
10.00	56.50	ANDESITE Light grey/green fine grained andesite flow. Massive, <1% quartz stringers, nil pyrite.						

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
	56.50	END OF HOLE.						
		Core stored at Doetzel residence, King Kirkland.						



Co-ords 1550.0 N 1400.0 E HOLE NO.: GR96-3

DIAMOND DRILL RECORD

Azimuth: 25.0

Dip: -45.0

Elevation 1000.0

Length: 165.0

Property: Grenfell
Purpose: Test VLF Anomaly
Drilled by: RYB DRILLING
Date Started: June 22, 1996
Date Completed: July 2, 1996
Logged by: S. Carmichael Aug. 20, 1996
Core Size: AQ
Claim Number: 1206413

Longitude 14+00 E
Latitude 15+50 N

Dip Tests

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
.00	19.00	CASING						
19.00	75.00	ANDESITE Light green/grey fine-grained massive andesite flow. <1% quartz +-calcite stringers. Nil sulfides						

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton

throughout.

75.00 119.00 FELDSPAR PORPHYRY

Brick red/brown medium-grained porphyry. Massive, weakly fractured with <1% quartz veins and stringers. Nil sulfides throughout.

119.00 165.00 ANDESITE

Light grey/green fine grained andesite flow. Massive, <1% quartz stringers, nil pyrite.

165.00 END OF HOLE.

Core stored at Doetzel residence, King Kirkland.



Co-ords 1600.0 N 1350.0 E HOLE NO.: GR96-4

DIAMOND DRILL RECORD

Azimuth: 30.0

Dip: -90.0

Elevation 1000.0

Length: 68.0

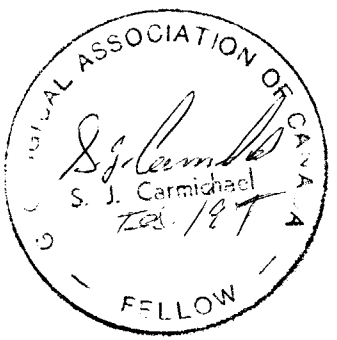
Property: Grenfell
Purpose: Test VLF Anomaly
Drilled by: R + B Drilling
Date Started: July 5, 1996
Date Completed: July 11, 1996
Logged by: S. Carmichael Aug. 20, 1996
Core Size: AQ
Claim Number: 1206413

Longitude 13+50 E
Latitude 16+00 N

Dip Tests

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
.00	10.00	CASING						
10.00	68.00	ANDESITE Light grey/green fine grained andesite flow. Massive, <1% quartz stringers, nil pyrite.						

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
	68.00	END OF HOLE.						
		Core stored at Doetzel residence, King Kirkland.						



Co-ords 50.0 N 550.0 E HOLE NO.: TR-1

DIAMOND DRILL RECORD

Azimuth: 342.0

Dip: -55.0

Elevation 1000.0

Length: 114.5

Property: Grenfell
Purpose: Test Trench
Drilled by: R+B DRILLING
Date Started: July 15, 1996
Date Completed: July 22, 1996
Logged by: S. Carmichael August 20, 1996
Core Size: AQ
Claim Number: 1206413

Longitude 5+50 E
Latitude 0+50 N

Dip Tests

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
.00	1.50	CASING						
1.50	51.00	ANDESITE						
		Light grey very fine grained andesite. Mostly flow	5496	10.00	12.90	2.90	93	tr
		with minor phases of pillowed+flow top breccia.	5497	29.50	33.00	3.50	9	nil

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
		Moderately carbonatized throughout. 10% chill fractures filled with dark grey/black carbonaceous chert.	5498	40.80	43.00	2.20	972	.03
			5499	48.00	51.00	3.00	15	tr
		10.00 12.90 Cherty carbonaceous sediment from 10.0-10.6 ft., weakly magnetic. 10% chert throughout remainder of section. 10-15% pyrite in cherty phases.						
		29.50 33.00 Carbonatized andesite, 10% black chert. 4% pyrite in chert.						
		35.00 36.00 Flow top breccia.						
		40.80 43.00 Fault at 41.7 ft., dip 45 deg to C.A. Graphitic/carbonaceous shale from 41.7-42.2 ft. 10% pyrite in shale.						
		48.00 51.00 Becoming silicified and brecciated down section. 5-6% disseminated pyrite from 50.0-51.0 ft.						
51.00	85.50	FELDSPAR PORPHYRY						
		Brown fine grained porphyry with 15% feldspar phenocrysts 2mm in size. Porphyry is weakly fractured with 2-4% quartz/calcite stringers. Moderately carbonatized throughout. 4-5% finely disseminated pyrite throughout.	5500	51.00	53.00	2.00	21	tr
			5501	53.00	57.00	4.00	12	tr
			5502	57.00	61.00	4.00	12	tr
			5503	61.00	65.00	4.00	10	tr
			5504	65.00	69.50	4.50	19	tr
		51.00 53.00 Silicified porphyry, 20% quartz	5505	69.50	74.00	4.50	3	nil

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
		veins/flooding, 8% fine pyrite.						
	53.00 57.00	Porphyry, 2-3% pyrite.						
	57.00 61.00	Slightly lighter brown in colour. 6% fine pyrite.						
	61.00 65.00	As above.						
	65.00 69.50	As above, 5% quartz stringers.						
	69.50 74.00	As above, 2 inch quartz vein at 70.2 ft., nil pyrite after quartz vein.						
85.50	114.50	ANDESITE						
		Light green massive flow. Moderately fractured with quartz\calcite stringers and flooding. Nil pyrite.	5506	85.50	88.00	2.50	3	nil
	85.50 88.00	Weakly silicified contact from 85.5-86.0 ft. Nil pyrite throughout.						
	114.50	End of Hole.						
		Core stored at Doetzel residence, King Kirkland.						

GEOLOGICAL ASSOCIATION OF CANADA
S. J. Carmichael
FELLOW

Co-ords 49.0 N 550.0 E HOLE NO.: TR-2

DIAMOND DRILL RECORD

Azimuth: 340.0

Dip: -72.0

Elevation 1000.0

Length: 76.0

Property: Grenfell
Purpose: Test Trench
Drilled by: R & B DRILLING
Date Started: July 23, 1996
Date Completed: July 27 1996
Logged by: S. Carmichael Nov. 27, 1996
Core Size: AQ
Claim Number: 1206413

Longitude 5+50 E
Latitude 0+49 N

Dip Tests

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
.00	2.00	CASING						
2.00	74.00	ANDESITE Light grey/green fine grained andesite flow with 10% silicious graphitic shale interflow units. Nil						

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
		sulfides in andesite. Trace to 1% semi-massive pyrite in shale units.						
74.00	76.00	FELDSPAR PORPHYRY Medium green groundmass with 15% feldspar phenocrysts up to 2mm insize. Nil sulfides throughout. 76.00 END OF HOLE. Core stored at Doetzel residence, King Kirkland.						



DON DOETZEL - GRENFELL PROJECT

HOLE NO.: TR-3

Co-ords 50.0 N 530.0 E

DIAMOND DRILL RECORD

Azimuth: 200.0

Dip: -75.0

Elevation 1000.0

Length: 222.7

Property: Grenfell
Purpose: Test Trench
Drilled by: R + B DRILLING
Date Started: July 28, 1996
Date Completed: August 7, 1996
Logged by: S. Carmichael August 28, 1996
Core Size: AQ
Claim Number: 1206413

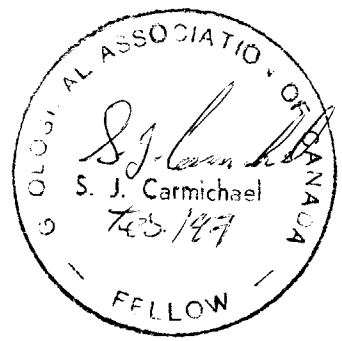
Longitude 5+30 E
Latitude 0+50 N

Dip Tests

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
.00	4.00	CASING						
4.00	142.00	ANDESITE Light grey fine grained andesite flows, 10% gash fractures and flow contacts filled with black						

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
		carbonaceous sediment. Andesite is weakly fractured, moderately carbonatized throughout.						
14.00	18.00	Andesite, graphitic shale from 17.0-18.0 ft.	788	14.00	18.00	4.00	99	tr
18.00	22.00	Andesite.	789	18.00	22.00	4.00	770	.020
22.00	27.00	As above, trace to 1% pyrite.	790	22.00	27.00	5.00	27	tr
27.00	31.40	Andesite.	791	27.00	31.40	4.40	14	tr
40.80	43.50	Andesite, quartz vein/silicified with 4% pyrite from 41.9-42.1 ft.	5545	40.80	43.50	2.70	nil	nil
65.00	68.50	Quartz vein from 65.0-66.0 ft., dip along C.A. Trace pyrite.	5546	65.00	68.50	3.50	nil	nil
69.40	74.00	20% carbonaceous sediment mineralized with 5% pyrite.	5547	69.40	74.00	4.60	3	nil
74.00	78.70	As above.	5548	74.00	78.70	4.70	nil	nil
96.30	99.30	25% carbonaceous chert mineralized with 10% pyrite and 2% pyrrhotite.	5549	96.30	99.30	3.00	nil	nil
99.30	102.60	As above.	5550	99.30	102.60	3.30	nil	nil
111.00	115.60	Carbonaceous chert from 111.0-112.0 ft., 114.3-115.6 ft., 5-8% pyrite + pyrrhotite, trace chalcopyrite.	5551	111.00	115.60	4.60	15	tr
130.50	133.20	60% carbonaceous chert mineralized with 8-10% pyrite + pyrrhotite.	5552	130.50	133.20	2.70	7	nil
142.00	203.40	TUFF						

from (m)	to (m)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU PPB	Au-2 oz/ton
		Moderate to well foliated/bedded ash tuff with phases of lapilli.						
		173.00 Foliation at 40 deg to C.A.						
203.40	222.70	ANDESITE						
		Fine-grained light green amygdular flow. Massive, moderately carbonatized.						
		222.70 END OF HOLE.						
		Core stored at Doetzel residence, King Kirkland.						



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

6W-2387-RG1

Company: **S. CARMICHAEL**

Date: JUL-08-96

Project:

Attn: S. Carmichael

We hereby certify the following Geochemical Analysis of 10 Core samples submitted JUL-05-96 by .

Sample Number	Au PPB	Au Check PPB
5416	39	58
5417	89	-
5418	7	-
5419	26	-
5420	38	38
5421	2	-
5422	106	-
5423	130	-
5424	206	-
5425	387	391

One assay ton portion used.

Certified by Denis Arantes

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

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Geochemical Analysis Certificate

6W-2863-RG1

Company: **S.J. CARMICHAEL CONSULTANTS**
Project: Doetzel
Attn: S. Carmichael

Date: AUG-08-96

We hereby certify the following Geochemical Analysis of 11 Core samples submitted AUG-06-96 by .

Sample Number	Au PPB	Au Check PPB
5496	38	-
5497	9	-
5498	903	1041 .03
5499	15	-
5500	21	-
5501	12	-
5502	14	10
5503	10	-
5504	19	-
5505	3	-
5506	3	-

One assay ton portion used.

Certified by G. Eckstrand

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 FAX (705)642-3300

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Assay Certificate

6W-2518-RA1

Company: **S.CARMICHAEL**
Project:
Attn: S.Carmichael

Date: JUL-17-96

We hereby certify the following Assay of 1 Core samples submitted JUL-15-96 by .

Sample Number	Au PPB	Au Check PPB
5426	57	51

One assay ton portion used.

Certified by G. Laboy

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300

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Geochemical Analysis Certificate

6W-3297-RG1

Company: **S. CARMICHAEL**
Project: Doetzel
Attn: S. Carmichael

Date: SEP-04-96

We hereby certify the following Geochemical Analysis of 8 Core samples submitted AUG-30-96 by .

Sample Number	Au PPB	Au Check PPB
5545	Nil	-
5546	Nil	-
5547	Nil	3
5548	Nil	-
5549	Nil	-
5550	Nil	-
5551	15	14
5552	7	-

One assay ton portion used.

Certified by G. Laboy

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300

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Geochemical Analysis Certificate

7W-0403-RG1

Company: **S.J. CARMICHAEL CONSULTANTS** Date: FEB-07-97
Project: Doetzel
Attn: S. Carmichael

We hereby certify the following Geochemical Analysis of 4 Core samples submitted FEB-05-97 by .

Sample Number	Au PPB	Au Check PPB
788	106	91
789	689	850
790	27	-
791	14	-

One assay ton portion used.

Certified by _____

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300

KEFIELD RESEARCH LIMITED
.O. Box 4300, 185 Concession St., Lakefield, Ontario, KOL 2HO
Phone : 705-652-2038 - FAX : 705-652-6441

Don Doetzel
P.O. Box EO
King Kirkland, Ontario, POK 1KO - CANADA

Attn : Don Doetzel

Lakefield, August 9, 1996

Date Rec. : August 6, 1996
LR. Ref. : **AUG9012.R96**
Reference : N/A
Project : 9604009

Stockpile
Hole Tr-1

CERTIFICATE OF ANALYSIS

No.	Sample ID	Au g/t	Au oz/T
1	14.5'-19.5-24.5'	0.04	0.0012
2	24.5'-29.5'	< 0.02	< 0.0006
3	29.5'-34.5'	0.10	0.0029
4	34.5'-39.5'	< 0.02	< 0.0006
5	39.5'-44.5	0.93	0.0271
6	44.5'-49.5'A	0.05	0.0014
7	44.5'-49.5'B	0.20	0.0058
8	49.5'-54.5'	0.09	0.0030
9	54.5'-59.5'	0.02	0.0006
10	59.5'-64.5'	0.11	0.0032
11	64.5'-69.5'	0.10	0.0029
12	69.5'-74.5'	0.08	0.0023
13	47.5'-52.5'	0.09	0.0030
14	52.5'-57.5'	0.03	0.0009
15	57.5'-62.5'	0.09	0.0030
16	62.5'-67.5'	0.34	0.0099
-- Check --			
17	62.5'-67.5'	0.39	0.0113

Roch Marion

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Accredited by the Standards Council of Canada and CAEAL for specific registered tests.
The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior written approval.

RIVER GOLD MINES LTD
ASSAY LABORATORY
127 Mission Road
Wawa,Ontario, P0S 1K0
phone (705) 856-2718 fax (705) 856-7173

CLIENT D. Doetzel **DATE** July 22, 1996

Type of analysis Au - Fire Assay, Gravimetric Finish

GR96-1 Sludge

CERTIFICATE OF ANALYSIS

SAMPLE NUMBER	Au oz/ton
1.05 - 1.10	< 0.002
13.5 - 15.5	< 0.002
17.5 - 22.5	0.002
22.5 - 27.5	0.002
27.5 - 32.5	0.003
32.5 - 37.5	0.004
37.5 - 42.5	0.004
42.5 - 47.5	0.004

Report by: Lillosh al

Ontario

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)
W9780.00110
Assessment Files Research Imaging

Personal information
Mining Act, the inform
Questions about this
933 Ramsey Lake Rc

42A01NE0248 2.17093 GRENFELL

900

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

2.17093

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	Client Number
Don Doetzel	300352
Address	**Telephone Number**
164 Jordan Street	567-7024
P.O. Box EO, P0K-1K0, King Kirkland	**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	Office Use
Diamond Drilling, 1,019 ft. (PDRILL)	Commodity
	Total $ Value of Work Claimed $24,651
Dates Work Performed From 28 Day / May Month / 96 Year To 7 Day / Aug Month / 96 Year	NTS Reference
Global Positioning System Data (if available) — Township/Area: Grenfell	Mining Division Larder Lake
M or G-Plan Number: M-3212	Resident Geologist District K. Lake.

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	Telephone Number
Stewart Carmichael	567-7287
Address	**Fax Number**
42 Range E, Kirkland Lake, P2N 1K1	567-7287
Name	**Telephone Number**
Address	**Fax Number**
Name	**Telephone Number**
Address	**Fax Number**

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FEB 24 1997
MINING LANDS BRANCH

4. Certification by Recorded Holder or Agent

I, Don Doetzel (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		Date
		FEB/20/97
Agent's Address	**Telephone Number**	**Fax Number**
P.O. Box EO KING KIRKLAND	567-7024	

0241 (02/96)

Dormid - Mattoli 97

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	0	$4,892
1	1206413	4	24,651.00	4,800.00	19,200.00	651.00
2	1211514	16	ϕ	19,200.00	ϕ	
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
		Column Totals	24,651.00	24,000.00	19,200.00	651.00

MINING LANDS BRANCH
FEB 24 1997
RECEIVED

6021.2

I, DONALD MARTIN DOETZEL, do hereby certify that the above work credits are eligible under
(Print Full Name)
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 | Date: Feb 20/97

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: LARDER LAKE MINING DIVISION '97 FEB 20 PM 12 32 RECEIVED

Deemed Approved Date: May 21/97 | Date Notification Sent

Date Approved | Total Value of Credit Approved

Approved for Recording by Mining Recorder (Signature)

0241 (04/93)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W9780.00110

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.

2.17093

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond Drilling	310.67 metres	38 77	12,045.00
Assays	32 core, 25 sludge	~~12.E~~ 13.26	756.00
Geologist			1,500.00
Supervision, Full days	12 days	$ 200.00	2 400.00
Supervision ½ days	53 days	$ 100.00	5,300.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
Supplies			~~12.54~~ 130.00
Transportation Costs	7,200 km	35/km	2,520.00
Food and Lodging Costs			
		Total Value of Assessment Work	24,651.00

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 × 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.

RECEIVED
FEB 24 1997
MINING LANDS BRANCH

Certification verifying costs:

I, DONALD MARTIN DOETZEL (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 RECORDED HOLDER (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature	Date
	FEB 20/97

0212 (02/96)

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

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

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

June 10, 1997

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

Dear Sir or Madam:

Submission Number: 2.17093

Subject: Transaction Number(s):		Status
	W9780.00110	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.

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 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
Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

Correspondence ID: 10926
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.17093

Date Correspondence Sent: June 10, 1997 **Assessor:** Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9780.00110	1206413	GRENFELL	Approval After Notice	June 05, 1997

Section:

10 Physical PDRILL

The 45 days outlined in the Notice dated April 21, 1997 have passed.

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

Correspondence to:

Mining Recorder
Kirkland Lake, ON

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

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

DON MARTIN DOETZEL
KING KIRKLAND, ONTARIO

Correspondence ID: 10926

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s). Please contact the Mining Recorder to determine if this affects the status of your claims.

Date: June 10, 1997

Submission Number: 2.17093

Transaction Number: W9780.00110

Claim Number	Value Of Work Performed
1206413	18,983.00
Total: $	18,983.00

Correspondence ID: 10926

Ontario Ministry of Natural Resources

Ministry of Northern Development and Mines

42A01NE0248 2.17093 GRENFELL

200

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

2.17093

Scale 1:20 000

Metres 1000 0 1000 2000 Metres

Feet 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 Feet

Contour Interval 10 Metres

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FEB 24 1997
MINING LANDS BRANCH

DATE OF ISSUE
FEB 20 1997

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

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
- Sand & Gravel

AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File
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				
(PI)				
(PR) TCPL (PIPELINE) APPLICATION FOR RIGHT OF WAY				
(WD) Surface Rights Withdrawn under Sec. 36, The Mining Act R.S.O. 1980, ORDER NO. W-01/91/KENT (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)				
(RR) 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 SESEKINIKA LAKE ARE WITHDRAWN FROM STAKING BY ORDEN-IN-COUNCIL DATE DECEMBER 7, 1921

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP/AREA FALLS WITHIN THE TIMISKAMING MANAGEMENT UNIT AND MAY BE SUBJECET 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

ARCHIVED JUNE 12, 1996

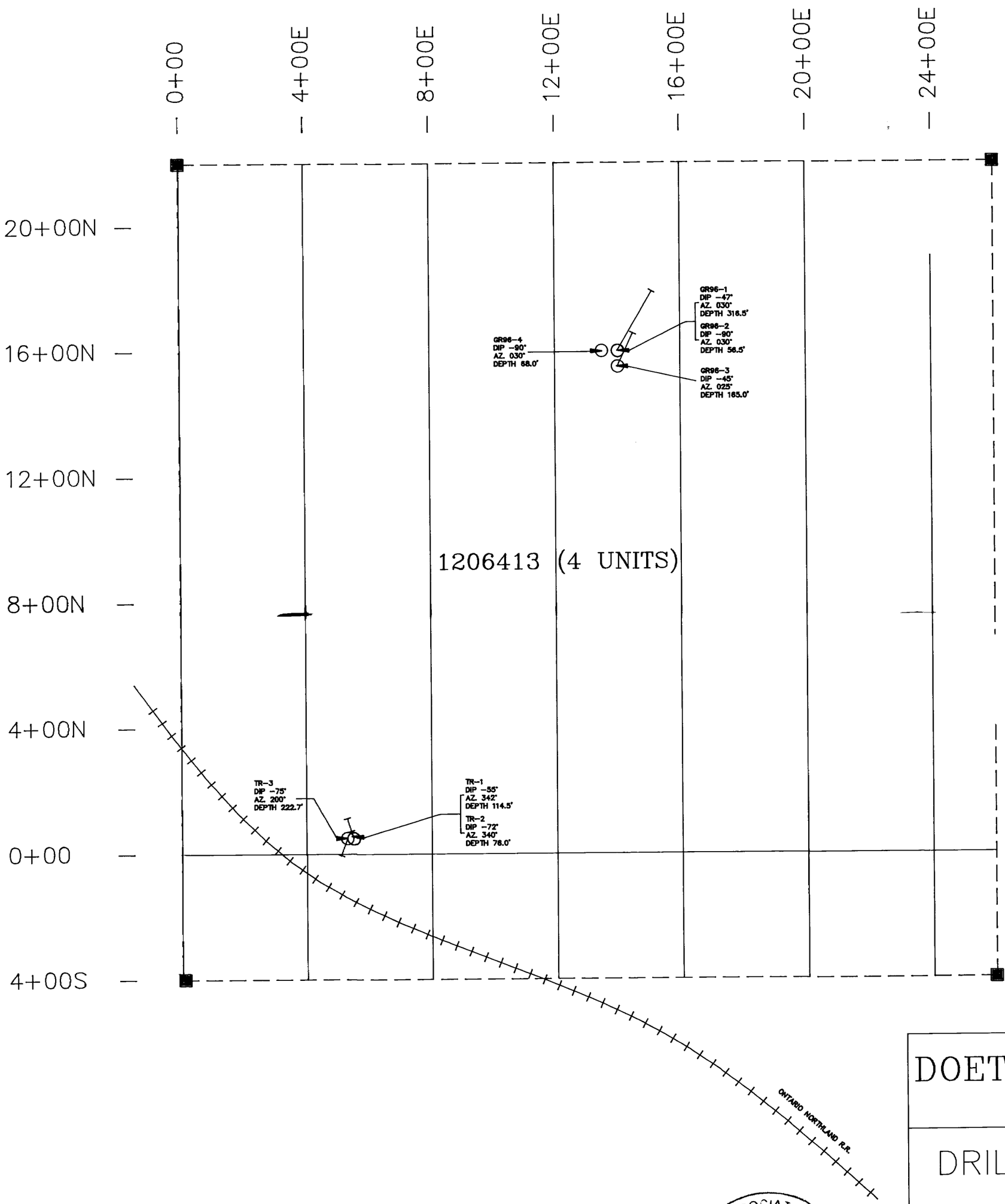
CIRCULATED AUG. 11, 1992 B.R.B.
~~ARCHIVED DECEMBER 12, 1994~~
~~ARCHIVED ON JUNE 01/96~~

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.

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



ASTRONOMIC NORTH

42A01NE0248 2.17093 GRENFELL

210

2.17093

BASELINE 0+00

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SCALE 1"=300'

0 100 200 300 600 900 FT.

GEOLOGICAL ASSOCIATION OF CANADA
S. J. Carmichael
Feb. 19 97
FELLOW

DOETZEL/GRENFELL PROJECT

DRILL HOLE LOCATION PLAN

GRENFELL TOWNSHIP
DISTRICT OF TIMISKAMING, ONT.
LARDER LAKE MINING DIVISION

NTS:	SCALE: 1"=300 FT.	DATE: FEBRUARY, 1997 REVISED:
PROJECT: DOETZEL	DRAWN BY: S.J.C.	DRAWING No. 1

DRILL HOLE GR96-4 IS LOCATED
50' WEST OF SECTION

1550.00N
1400.00E

1598.00N
1400.00E

1600.00N
1400.00E

1600.00N
1350.00E

DRILL HOLE SECTION 14+00E
SECTION LOOKING 300°
OR 30° NORTH OF GRID WEST
CLAIM 1206413

1000

900

800

700

600

CASE

AND

TFF

FLP

50.

GR96-2 EOH 56.50

EOH 68.00
GR96-4

EOH 165.00
GR96-3

EOH 316.50
GR96-1

16+00N

LEGEND

INTERMEDIATE VOLCANICS

AND	ANDESITE
TFF	TUFF

INTRUSIVES

FLP	FELDSPAR PORPHYRY

ALL ASSAYS ARE OZ/TON /WIDTH (FT.)

42A01NE0248 2.17093 GRENFELL

220

2.17093

SCALE 1"=30'

30 0 30 60 90

FEET

RECEIVED

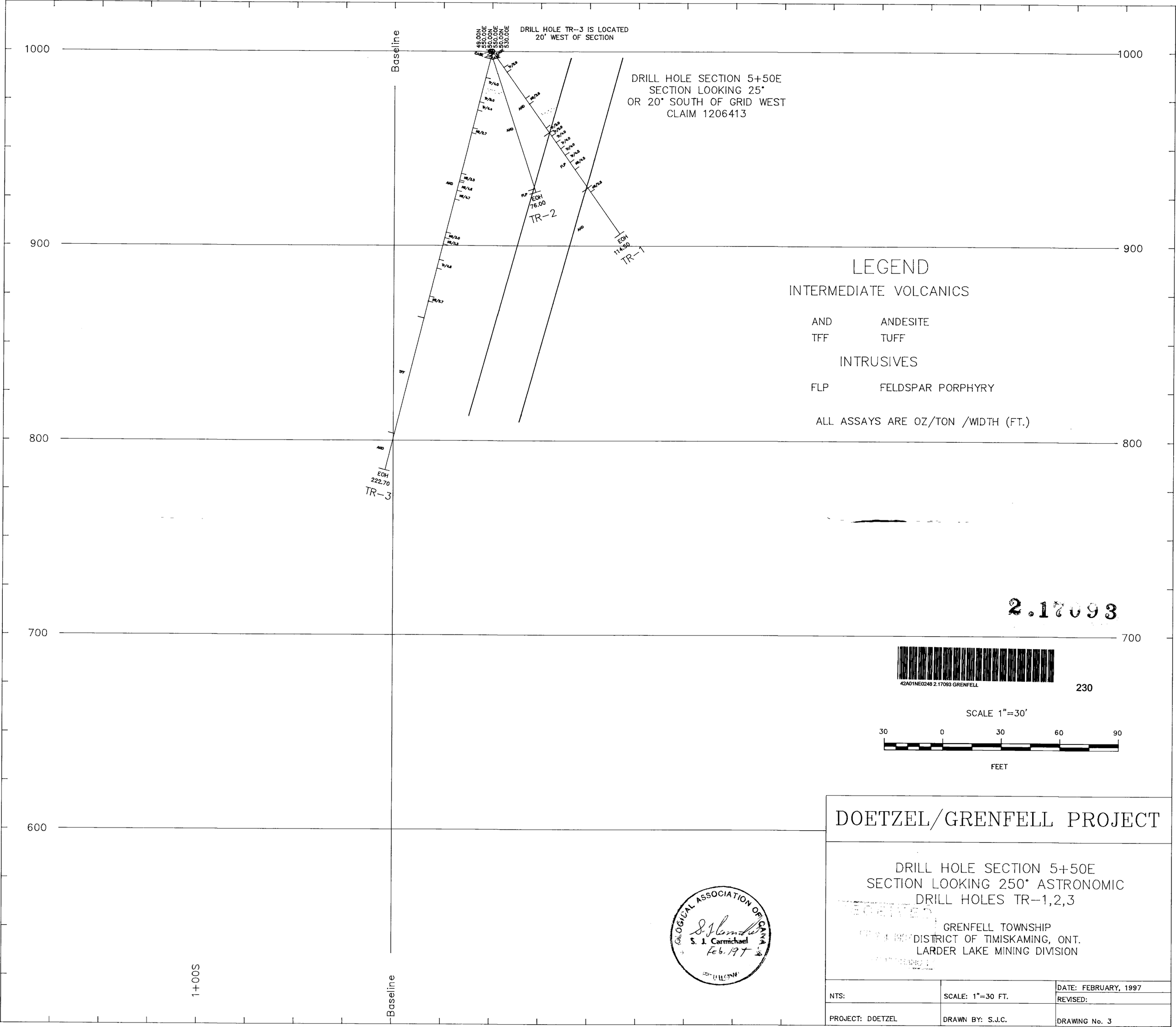
ASSOCIATION OF ONTARIO LAND SURVEYORS
S. J. Carmichael
Feb. 1997

DOETZEL/GRENFELL PROJECT

DRILL HOLE SECTION 14+00E
SECTION LOOKING 300° ASTRONOMIC
DRILL HOLES GR96-1,2,3,4

GRENFELL TOWNSHIP
DISTRICT OF TIMISKAMING, ONT.
LARDER LAKE MINING DIVISION

NTS:	SCALE: 1"=30 FT.	DATE: FEBRUARY, 1997
		REVISED:
PROJECT: DOETZEL	DRAWN BY: S.J.C.	DRAWING No. 2



DOETZEL/GRENFELL PROJECT

DRILL HOLE SECTION 5+50E
SECTION LOOKING 250° ASTRONOMIC
DRILL HOLES TR-1,2,3

GRENFELL TOWNSHIP
DISTRICT OF TIMISKAMING, ONT.
LARDER LAKE MINING DIVISION

NTS:	SCALE: 1"=30 FT.	DATE: FEBRUARY, 1997
		REVISED:
PROJECT: DOETZEL	DRAWN BY: S.J.C.	DRAWING No. 3