



SECTION 0008 2.13009 BAD VERMILION LAKE

010

LAKEFIELD RESEARCH

A DIVISION OF FALCONBRIDGE LIMITED

P.O. Box 430, 185 Concession St., Lakefield, Ontario K0L 2H0
Phone: (705) 652-3341 Telex No 06 962842

No.: 25389

DATE November 13 19 87

TO: Orofino Resources,
P.O. Box 143,
Suite 2701, First Canadian Place,
Toronto, Ontario.
M5X 1C7

SENT TO: Dr. F. Manns

MINING LANDS SECTION

2.13009

NOV 12 1987

RECEIVED

Re: Our Certificate of Analysis dated Nov. 12, 1987
Our Reference No. MLR 8148
Your samples received Sept. 14, 1987

To cover cost of gravity separation followed by cyanidation
conducted on your bulk samples No. 1 and 2.

8	Au Assays	x	\$ 9.50	\$ 76.00
28	Manhours	x	46.75	1309.00
	Collect Freight	-	Grey Goose No CC 720007	58.20

Total

\$ 1,443.20

OROFINO RESOURCES LIMITED

TORONTO, CANADA

0002566

Nov. 17 19 87

PAY

The sum of 1,709 dollars 20 cents

\$ 1,709.20

OROFINO RESOURCES LIMITED

TO THE ORDER OF
 Lakefield Research
 A Division of Falconbridge Ltd.
 P.O. Box 430, 185 Concession St.
 Lakefield, Ontario K0L 2H0

PER A. J. Williams

NOT NEGOTIABLE

THE TORONTO-DOMINION BANK
 55 KING ST. W. & BAY ST.
 TORONTO, M5K 1A2 CANADA

OROFINO RESOURCES LIMITED - REMITTANCE ADVICE

PLEASE DETACH BEFORE DEPOSITING

	DEBIT		CREDIT		
Re: Inv. # 25389	437-023	1,443	20		
25216	3413-000	96	00		
25225	360-000	170	00		

FILE COPY

Orofino Resources
Ft. Frances, Ont.

Nov. 12, 1987

Attn: Dr. F. Manns

Re: MLR 8148

Dear Sir:

Enclosed are the results of gravity separation followed by cyanidation conducted on your bulk samples No. 1 and 2.

These samples received on Sept. 14, 1987, consisting of eight bags of sample 1 and seven bags of sample 2, were given our reference number LR 8728148.

The individual samples were combined jaw, cone and roll crushed to minus 10 mesh.

Each sample was ground and a gravity separation was conducted on the pulp to recover free gold.

A bulk cyanidation was conducted on the gravity tails at 40 % solids, pH 11.0 with a NaCN strength of 1.0 g/L.

The test duration was 48 hours.

Preattritioned activated carbon was added at a concentration of 10 g/L for the final 4 hours to recover the gold from solution.

At the completion of the test the carbon was removed by screening and the pulp samples. The pulp samples were filtered and washed with the products submitted for assay.

The results are as shown in the following table.

Sample Number	Sample Wgt kg	Reagent Conc, kg/t		% Au Rec'y			Assays, Au g/t	
		NaCN	CaO	Grav.	Cyn.	Total	Residue	Head Calc
A	26.0	1.83	0.06	41.3	54.6	95.9	0.02	0.48
B	25.0	3.16	0.05	71.8	26.2	97.0	0.02	1.03

Please note that the calculated head differs slightly than those reported by telephone on November 11, 1987.

The invoice for testwork and analysis has been enclosed.

Please contact us if you have further questions.

Yours sincerely,

LAKEFIELD RESEARCH



R.G. Irwin

Met Lab Supervisor

RGI/sem

Encl.

OROFINO RESOURCES LIMITED

TORONTO, CANADA

0002566

Nov. 17 19 87

PAY

The sum of **1,709 dollars 20 cents**

\$ 1,709.20

OROFINO RESOURCES LIMITED

TO THE ORDER OF

Lakefield Research
A Division of Falconbridge Ltd.
P.O. Box 430, 185 Concession St.
Lakefield, Ontario K0L 2H0

PER A. J. W. J. O

PER **NOT NEGOTIABLE**

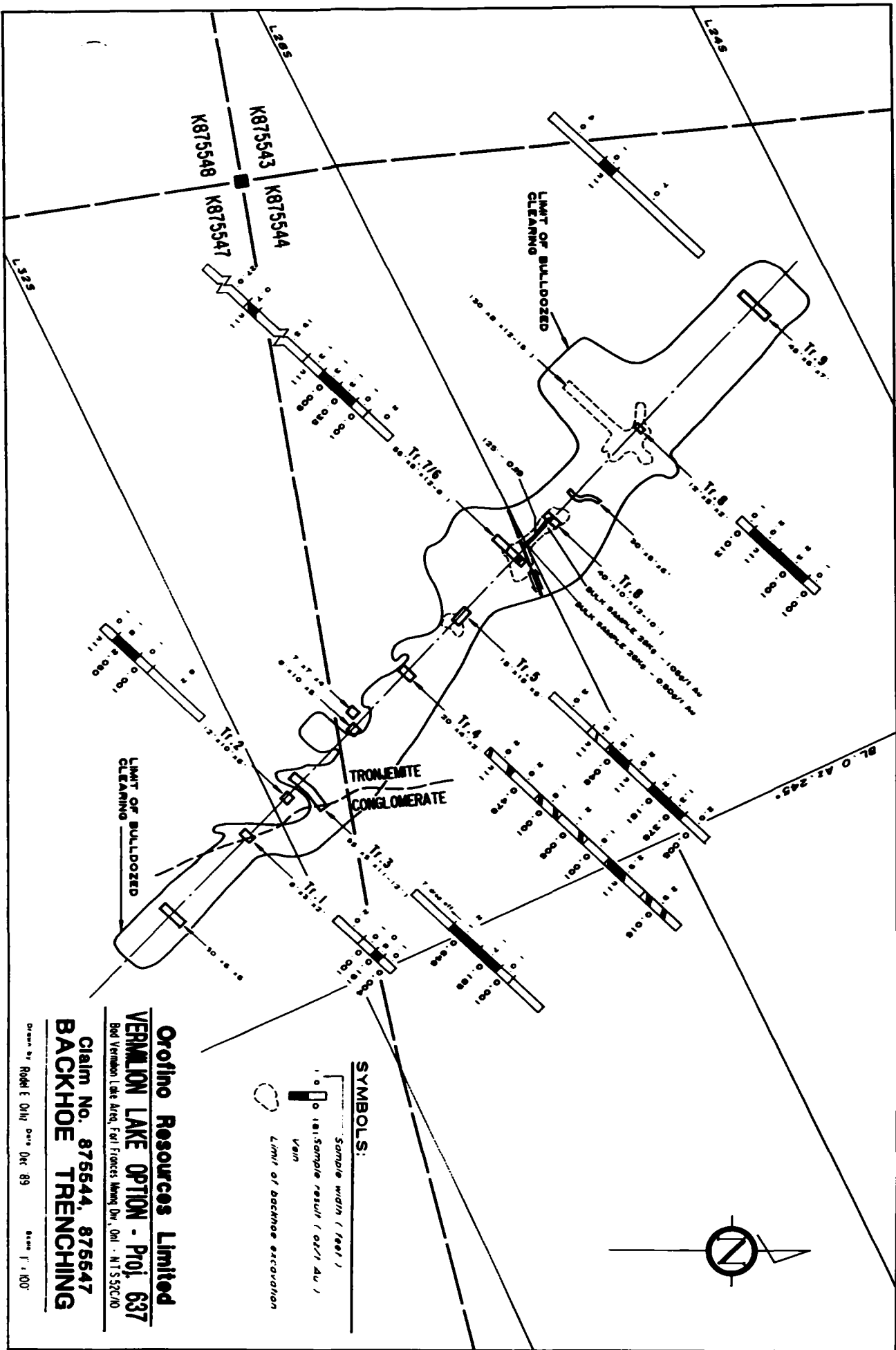
THE TORONTO-DOMINION BANK
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TORONTO, M5K 1A2 CANADA

OROFINO RESOURCES LIMITED - REMITTANCE ADVICE





PLEASE DETACH BEFORE DEPOSITING

	DEBIT				
	TO	AMOUNT			
Re: Inv. # 25389	437-023	1,443	20		
25216	3413-000	96	00		
25225	360-000	170	00		

FILE COPY



SYMBOLS:

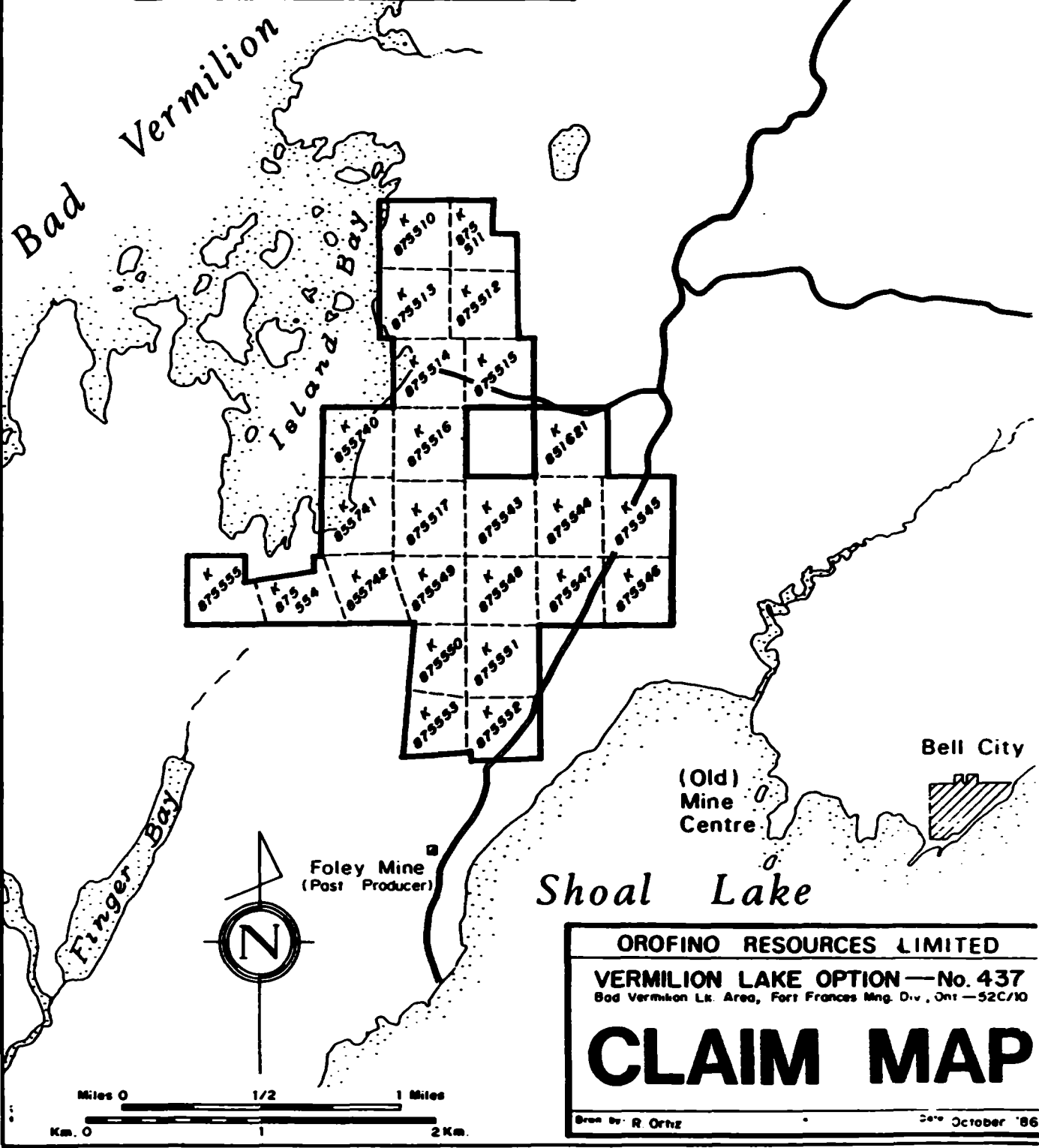
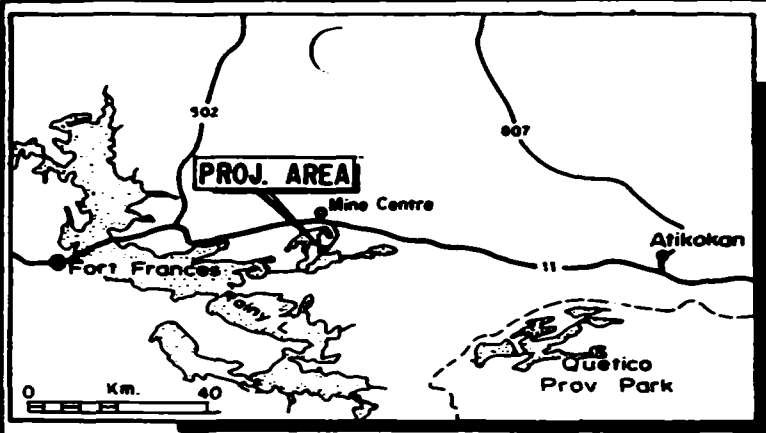
-  Sample width (feet)
-  Sample result (oz/1 lb)
-  Vein
-  Limit of backhoe excavation

Orofino Resources Limited

VERMILION LAKE OPTION - Proj. 637

Bed Vermilion Lake Area, Fort Frances Mining Div., Ont. - N.T.S. 52C/10

**Claim No. 875544, 875547
BACKHOE TRENCHING**



OROFINO RESOURCES LIMITED
 VERMILION LAKE OPTION—No. 437
 Bad Vermilion Lk. Area, Fort Frances Mng. Div., Ont—52C/10

CLAIM MAP

Drawn by: R. Ortiz Date: October '86



Est. 06

Report of Work **2.13**
(Expenditures, Subsection 77(19))

52C10NE0008 2.13009 BAD VERMILION LAKE

900

Proj. #63

Type of Work ANALYSIS	Mining Division KENORA	Township or Area Bad Vermilion Lk. G2665
Recorded Holder OROFINO RESOURCES LIMITED	Prospector's Licence No. T-931	
Address P.O. Box 143, 1 First Cdn. Pl., Ste. 2701, Toronto, Ontario M5X 1C7		Telephone No. (416) 362-6683
Work Performed By OROFINO RESOURCES LIMITED		
Name and Address of Author (of Submission)		Date When Work was Performed From: 12 09 87 To: _____ Day Mo. Yr. Day Mo. Yr.

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side										
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	
K-875544	92									
Instructions Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).		Calculation of Expenditure Days Credits Total Expenditures \$ 1,385.00 + 15 = 92					Total Days Credits 92			
							Total Number of Mining Claims Covered by this Report of Work 5			

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
K	875547	12									
K	875548	20									
K	875549	20									
K	875550	20									
K	875551	20									

Total Number of Days Performed 92	Total Number of Days Claimed 92	Total Number of Days to be Claimed at a Future Date NIL
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Certification of Beneficial Interest *See Note No. 2 on reverse side

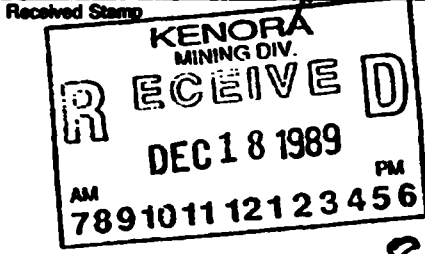
I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.	Date Dec. 14, 1989	Recorded Holder or Agent (Signature) <i>Shirley P. Decker</i>
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Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.		
Name and Address of Person Certifying Dr. Francis T. Manns, c/o OROFINO RESOURCES LIMITED, P.O. Box 143, 1 First Cdn. Pl., Ste. 2701 Toronto, Ontario M5X 1C7	Date Dec. 14, 1989	Certified By (Signature) <i>Francis T. Manns</i>

For Office Use Only

Total Days Cr. Recorded 92	Date Recorded Dec 18/89	Mining Recorder <i>[Signature]</i>
Date Approved as Recorded 7 March 90	Provincial Manager, Mining Lands <i>[Signature]</i>	



875510

Instructions
- Please type or print.
- Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection.
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Report of Work
(Expenditures, Subsection 77(19))

Proj. #637 **Mining Act**

Type of Work Performed ANALYSIS	Mining Division KENORA	Township or Area Bad Vermilion Lk. G2665
Recorded Holder OROFINO RESOURCES LIMITED	2.13009	
Address P.O. Box 143, 1 First Cdn. Pl., Ste. 2701, Toronto, Ontario M5X 1C7	Prospector's Licence No. T-931	Telephone No. (416) 362-6683
Work Performed By OROFINO RESOURCES LIMITED		
Name and Address of Author (of Submission)		Date When Work was Performed From: 12 09 87 To: _____ Day Mo. Yr. Day Mo. Yr.

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side											
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days		
		K-875544	292								
Instructions Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).				Calculation of Expenditure Days Credits Total Expenditures \$ 1,385.00 + 15 = 92				Total Number of Mining Claims Covered by this Report of Work 5			

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
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Certification of Beneficial Interest *See Note No. 2 on reverse side

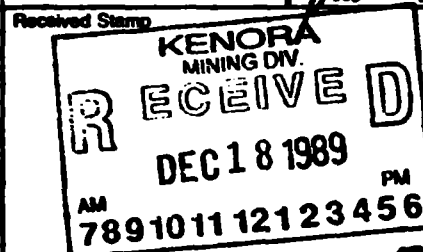
I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.	Date Dec. 14, 1989	Recorded Holder or Agent (Signature) <i>Shirley P. Decker</i>
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Certification Verifying Report of Work

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Name and Address of Person Certifying Dr. Francis T. Manns, c/o Orofino Resources Limited, P.O. Box 143, 1 First Cdn. Pl., Ste. 2701		
Toronto, Ontario M5X 1C7	Telephone No. (416) 362-6683	Date Dec. 14, 1989
		Certified By (Signature) <i>Francis T. Manns</i>

For Office Use Only

Total Days Cr. Recorded 92	Date Recorded <i>Dec 18/89</i>	Mining Recorder <i>Scott Kinosh</i>
	Date Approved as Recorded	Provincial Manager, Mining Lands



875510

