

DIAMOND DRILLING

AREA: CLEARWATER BAY

REPORT NO: 20

WORK PERFORMED FOR: Mingold Resources Inc.

RECORDED HOLDER: Same as above [xx] : Other []

Claim No. Hole No. Footage <u>Date</u> <u>Note</u> 757' May/88 (1) K 1004896 ABE-1

NOTES: (1) #W8801.154, filed in Nov/88

ABERNETHY PROJECT

Assessment Report
on Mining Claims
K 1004893-899, 1005352-369

ABERNETHY LAKE, CLEARWATER BAY (M-2062)

KENORA, ONTARIO

DIAMOND DRILLING
MAY 1988

G. BIDWELL MAY 30, 1988

ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES OFFICE

JUN 2 ? 1988

RECEIVED

MINGOLD RESOURCES INC. **Bastern District**

PROJECT: ABERNETHY LAKE DRILL HOLE NO. ABE - 1 Date: May 30, 1988

Page 1 of 5

CO-ORDINATES: 1+00 W

2+80 S

CLAIM NO.: 1004896

LOGGED BY: D. Pesce

HOLE SURVEYS (CORRECTED)

CORE SIZE: BQ

DRILLED BY: Kenora Soil & Drilling

DEPTH DIP DIRECTION 300' 370

COLLAR ELEV.:

DATE STARTED: May 15, 1988

SECTION: 1+00 W

557' 33%0

AZIMUTH: 1500 (true)

COMPLETED: May 22, 1988

DEPTH: 757.0 ft.

320 757'

ANGLE: -45° S

REMARKS: hole drilled to test coincident BM-17, VLF-EM and magnetic anomalies 100 ft to west of 1975 HBED drill hole H-2

DEF	PTH	ROCK TYPE	DESCRIPTION		AS	PLE		ASSAYS			
FROM	TO		DESCRIPTION	No.	FROM	TO	WIDTH	Au ppb	Ag ppb	Cu ppb	
0.0	7.0	Casing									
7.0	7.0	Casing Rhyodacite	fragmental in sections from 1/8" to %"; moderately to heavily silicified in sections, slightly chloritic in small veinlets - small rose colored garnets about 1/8" in diameter found throughout; occasionally chlorite and garnets found as a chlorite/garnet schist, a few carbonate veinlets sulfides present as pyrrhotite (po) and pyrite (py) about 1% throughout, massive sections from %" to 2" wide of sulfides, trace magnetite, slightly sericitic 20.3 - 20.6 massive sulfides 5% po, 15% py slightly chloritic, slightly silicious 36.5 - 37.3 disseminated sulfides 10% po 10% py chlorite/garnet schist 41.6 - 41.75 massive po 70% 42.9 - 44.1 highly fragmented section 54.3 %" po vein	58523 58524 58525 58526 58527 58528 58529 58531 58531 58533 58533 58533 58533 58533 58533 58536 58537 58538 58539 58539	7.0 10.0 13.0 16.0 20.0 21.0 22.5 25.0 28.0 31.0 36.0 37.5 40.0 44.0 45.0 48.0 51.0	51.0 54.0 57.0	3.0 3.0 3.0 4.0 1.0 1.5 2.5 3.0 2.0 4.0 1.0 3.0 3.0 3.0 3.0 3.0	R Ass	ENO	RA V.	
A	SSESSME OFF JUN 2	gical survey INT FILES ICE. 2 1988 IVED	62.9 - 63.7 massive & disseminated sulfides 5% py 2% po moderately siliceous 64.2 - 64.6 massive and disseminated sulfides 5% py 2% po 65.65-67.2 massive and disseminated sulfides 20% py 5% po 69.2 - 70.6 massive and disseminated sulfides 10% py 3% po 82.5 - 82.7 massive sulfides 50% py 5% po 92.3 - 92.5 massive sulfides 50% po 2% py 93.5 % py veinlet 107.0 -107.2 quartz vein 1% sulfides 110.0 -121.0 highly siliceous tuff, disseminated sulfides 1%	58542 58543 58544 58545 58546 58549 58559 58553 58553 58555 58555 58556 58557 58558 58559 58561	107.0 110.0	60.0 62.9 65.5 67.1 69.0 71.0 74.0 77.0 80.0 82.0 83.0 91.0 92.5 96.0 110.0 113.0	2.6 2.6 1.9 2.0 3.0 3.0 2.0 3.0 2.0 3.0 3.0 3.0 3.0 3.0 3.0				

MINGOLD RESURCES INC. East District

PROJECT: ABERNETHY LAKE

DRILL HOLE NO. ABE #1

Date: May 30, 1988

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DE TH		DOGY MYDD			1	· SAM	PLE	***************************************	Τ	ASSAYS	
FROM	TO	ROCK TYPE		DESCRIPTION	No.	FROM	TO	WIDTH	Au ppb	Ag ppb	Cu ppb
			128.7 - 130.0	garnet rich 1-2%	58562	116.0	119.7	3.7			
1			132.2 - 133.0		58563	119.7				! ;	
1	1		134.25- 134.3		58564	122.0	125.0		}	1	· i
			140.3 - 143.8	•	58565	125.0	128.0		l	l 1	
1	1			moderately siliceous, occasional	58566	128.0	130.0			l 1	
1				garnets, slightly chloritic	58567	130.0	132.0		1	i i	1
]	ł		149.2 - 150.0	5% po 5% py, garnets, moderately	58568	132.0	133.0		1		
1	j			siliceous	58569	133.0	136.0		ł	1	
1	}		150.9 - 151.5	10% py 3% po garnets moderately	58570	136.0	140.3			l I	
i	- 1			siliceous	58571	140.3	144.2		-	i 1	
	1				58572	144.2	147.0		1	, <u> </u>	
					58573	147.0	149.2		ł		
					58574	149.2				!	1
1					58575	151.5	154.0		1		
					58576	154.0			1		
			162.0 - 166.7	5% disseminated po	58577	157.0	161.0				1
			169.0 - 169.2	2 veinlets of po %" and 1/8"	58578	161.0	163.0				
	l i		172.8 - 174.0	silicified section 1-2% po	58579	163.0	166.0				i
					58580	166.0	169.0		1		1
	l		•		58581	169.0	171.0		i	1 1	1
	ł				58582	171.0			i	1	
					58583	173.0	174.2		1]	
i					58584	174.2			ì	1	
1	ľ				58585	176.0		3.0	ł	1	
					58586	179.0			1		i
	1				58587	182.0	185.0		1	!	ļ
	1				58588	185.0		3.0	1		1
1	- 1				58589	188.0	192.0	4.0	1	1 1	1
i i		•			58590	192.0	195.0		Į.	i l	i
					58591	197.5	200.0	2.5	ł	j	i
!!!	1				58592	200.0	203.0	3.0	ľ	1	1
	1				58593	203.0	206.0		i i	1	
İ					58594	206.0	209.0	3.0	ŀ	1	
1	1				58595	209.0	211.5		1	1 1	
l I					58596	211.5	214.5				i
1	1		217.0 - 220.7	disseminated sulfides 5% po 2% py	58597		220.7		l .	į (
	1			moderately to heavily silicified,	58598	220.7	223.0		1		
	Í			moderately chloritic	58599	223.0	226.0	1			
] [į		224.0	%" po vein	58600	226.0	229.0				
	ŀ		227.7 - 227.8	narrow quartz vein, disseminated	58901	229.0	233.0	L .			
	l			po and py, 10%	58902	233.0	235.0		1		İ
	i		235.5 - 235.65	massive po 20%, moderately siliceous			236.0		ĺ		
	l				58904	236.0	239.0			į l	
	ŀ				58905		242.0		1]	
	Ì				58906	246.0	248.0]	
					58907	248.0					
1					58908 58909	251.0	257.0		1		
l İ					58910	257.0	260.5				
	İ				58911	263.0	266.0				
					58912	266.0	269.0		1		
	İ				58913	276.0	278.0		1		
	İ				58914	278.0	281.0				
] [· j		281.0 - 282.5	biotite/po veinlet running parallel	58915	281.0	282.5		1	1	
}	1			to core axis 30% po in veinlet	58916	282.5	286.0			[
	ļ				58917	286.0	290.0		1	1	
Li	1			_	1	l	I	1	1	i	ll

MINGOLD REDURCES INC. Bastern District

PROJECT: ABERNETHY LAKE

DRILL HOLE NO. ABE #1

Date: May 30, 1988

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DE	PTH	ROCK TYPE	DESCRIPTION	T	SA	MPLE			ASSAYS	
FROM	TO	RUCK TIPE	DESCRIPTION	No.	FROM	TO	WIDTH	Au ppb	Ag ppb	Cu ppb
				58918	292.0	295.0	3.0			
	ł -			58919	295.0	298.0	3.0			
į	Į .			58920	298.0	301.0	3.0			l Į
{]				301.0	304.0	3.0			[
1					304.0	307.0	3.0			
1	į i				307.0	310.0	3.0			!!
1	i i				310.0	313.0	3.0		'	1
					313.0	316.0	3.0			
ŀ					316.0	319.0	3.0			
[322.0	3.0			\ \ \
i			•		322.0	325.0	3.0			
İ					325.0	328.0	3.0	ĺ		1
Į.	1						1			l (
ŀ	1				328.0	331.0	3.0			i i
ŀ	i i		331.1 - 331.3 massive and disseminated po 15-20%			334.0	3.0			
			•		334.0	337.0	3.0			
}	1	1			337.0	340.0	3.0]] Ì
						343.0	3.0			
l .						346.0	3.0			
1					346.0	349.0	3.0		'	1
						352.0	3.0			1
]				352.0	355.0	3.0	ŀ]]
ţ					355.0	358.0	3.0			1 1
						361.0	3.0			ľ
						364.0	3.0	1		
i			364.3 - 366.0 garnet rich up to 1/8" in diameter			367.0	3.0			
	1					370.0	3.0			l l
l .						373.0	3.0			1 1
ŀ					373.0	376.0	3.0			
ì	1	<u>'</u>				378.0	2.0			1 1
1	1		378.1 - 379.2 disseminated po 3% highly siliceous		378.0	380.0	2.0			!
1			382.2 - 382.6 disseminated po 3%		380.0	383.0	3.0	l		. 1
1	1	1			383.0	385.0	2.0			\$ \$
1			385.2 - 386.0 disseminated po 5%		385.0	386.0	1.0	1		
i	 				386.0	389.0	3.0	1		{
					389.0	392.0	3.0			! !
Į.	;				392.0	395.0	3.0			1
l				58954	395.0	398.0	3.0]
ł	1	Į	400.2 - 405.5 massive and disseminated po		398.0	400.0	2.0	1		1 1
i		j	5-7% total, moderately to	58956	400.0	402.0	2.0	1]
1			heavily siliceous	58957	402.0	404.0	2.0	1		1 1
1		i	_	58958	404.0	406.0	2.0			į į
1	1	1		58959	406.0	409.0	3.0	1		į į
1				58960	409.0	412.0	3.0			1
I	1	}		58961	412.0	415.0	3.0]
1	1	\ 		58962	415.0	418.0	3.0	1		1 1
	i	<u> </u>			418.0	421.0	3.0	1] [
1	1				421.0	424.0	3.0	1		1 1
1	1				424.0	427.0	3.0	1]]
1]				427.0	430.0	3.0			l i
1	1				430.0	433.0	3.0	1	1	
	i	[4	433.0	436.0	3.0			į į
	1				ļ	<u> </u>		L	L	

MINGOLD RESOURCES INC. Bastern District

PROJECT: ABERNETHY LAKE

DRILL HOLE NO. ABE #1

Date: May 30, 1988

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MINGOLD RESOURCES INC. Bastern District

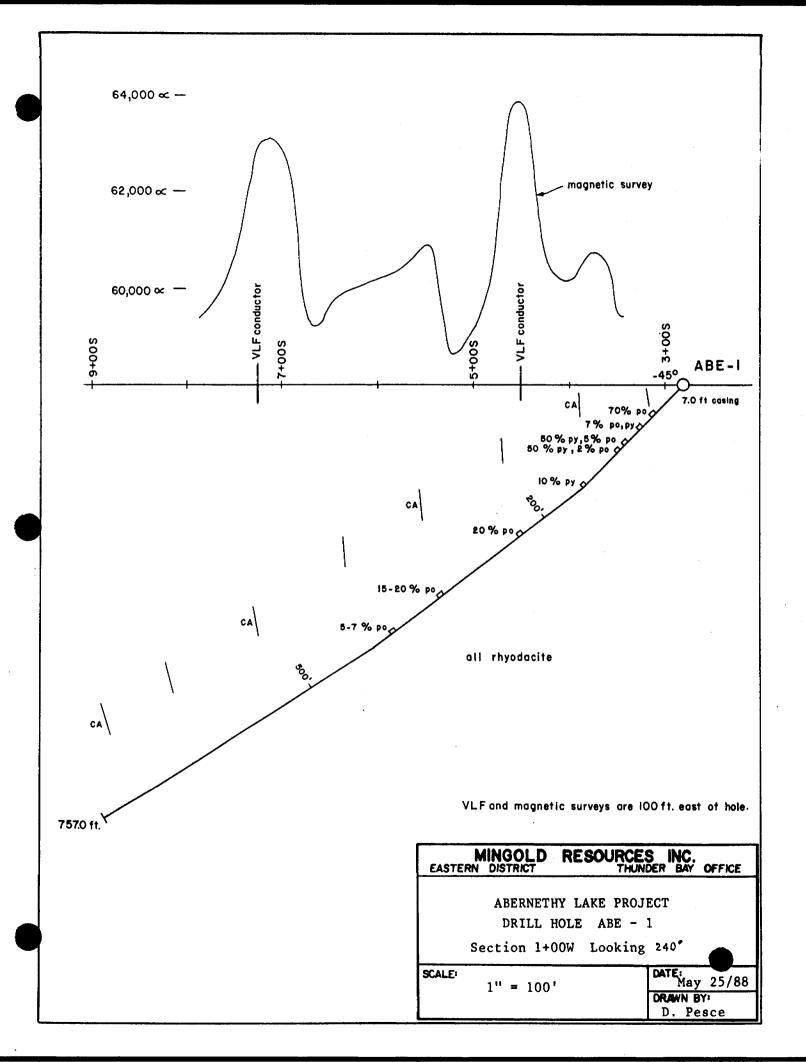
PROJECT: ABERNETHY LAKE

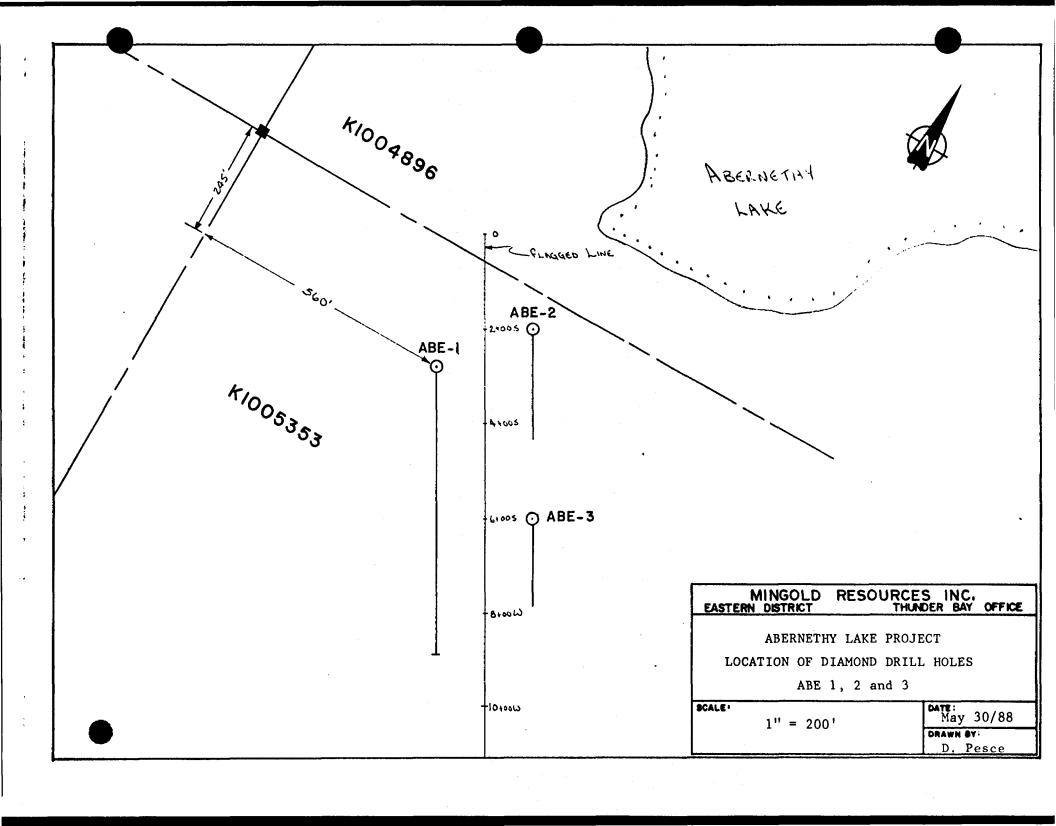
DRILL HOLE NO. ABE #1

Date: May 30, 1988

Page 5 of 5

DEPTH	BOCK WADE	N.E.	SCOTOMIAN		SAMPLE	ASSAYS		
FROM TO	ROCK 11FE	US	SCRIPTION	No. FR	M TO WIDTH	Au ppb Ag ppb Cu ppb		
	ROCK TYPE	Footage	Footage Core Angle 530.0' 70° 548.0' 66° 558.0' 64° 568.0' 71° 578.0' 72° 586.0' 58° 588.0' 71° 592.0' 65° 598.0' 73° 602.0' 69° 612.0' 72° 622.0' 72° 632.0' 74° 642.0' 65° 649.0' 71° 654.0' 75° 669.0' 78° 677.0' 77° 687.0 68° 692.0' 73° 697.0' 73° 697.0' 73° 702.0' 78° 707.0' 73° 712.0' 78° 717.0' 74° 722.0' 79° 727.0' 73°	61520 670 61521 673 61522 676 61523 673 61524 683 61525 683 61526 683 61527 693 61529 693 61530 700 61531 703 61532 706 61533 703 61534 71 61535 71 61536 72	M TO WIDTH	ASSAYS Au ppb Ag ppb Cu ppb		
		346.0' 570 356.0' 600 366.0' 600						





Report of Work DOCUN' NT No. W8807-15

Mining Ac

AD RESOURCES INC.

2062

900

Box 28, Toronto Dominion Centre, TORONTO, Ontario M5K 1B8

Total Work Days Cr. claimed	, N	fining Claim	Work		Mining Claim	Work	N	lining Claim	Work
157	Prefix	Number	Days Cr.	Prefix	Number	Days Cr.	Prefix	Number	Days Cr
or Performance of the following vork. (Check one only)	к	1004893	60		1005353	30	}	1005361	20
Manual Work		1004894	60		1005354	9018	Š	1005362	20
Shaft Sinking Drifting or		1004895	66		1005355	30.18		1005363	20
other Lateral Work. Compressed Air, other	N. W.	1004896	60		1005356	908		1005364	20
Power driven or mechanical equip.		1004897	60		1005357	9 (1)		1005365	20
Power Stripping		1004898	60		1005358	200		1005366	20
Diamond or other Core drilling		1004899	37		1005359	20 3		1005367	20
Land Survey	Š.	1005352	40		1005360	308		1005368	20

All the work was performed on Mining Claim(s):

K 1005353

(Claim map M-2062)

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

DIAMOND DRILLING - Core size BQ (1 7/16" diameter)

Kenora Soil & Drilling, Box 109, Kenora, Ontario P9N 3X6

ABE - 1 from May 15 to 22, 1988 drilled to depth of 757 feet

ONTARIO GEOLOGICAL SURVEY Assessment credit requesAssesSMENTAMES OFFICE.

JUN 22 1988

RECEIVED

K E い ひ ぺ ひ MINING DIV. 7,8,9,10,11,12,1,2,3

Core stored at Kenora Soil and Drilling in Kenora and Mingold Resources, Thunder Bay

Date of Report

May 30, 1988

lojder or Agent (Signature) ecorded

Nit

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 Postal Address of Person Certifying

G. BIDWELL, 935 Cobalt Crescent, Thunder Bay, Ontario P7B 5Z4

Name and address of Ontario land surveyer.

Date Certified

Cacified by Signature),

May 30, 1988

Nil

Table of Information/Atta	chments Required by the Mining Recorder	<u> </u>		
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments	
Manual Work				
Shaft Sinking, Drifting or other Lateral Work	Nii Names and addresses of men who manual work / operated equipmer with dates and hours of employn		Work Sketch: these are required to show the location and	
Compressed air, other power driven or mechanical equip.	Type of equipment	1004893	extent of work in relation to the nearest claim post.	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping	mearest claim post.	
Diamond or other core Signed core log showing; footage, diameter of drilling core number and angles of holes.		done.	Work Sketch (as above) in duplicate	

768 (85/12)

Land Survey

Report of Work

Instructions - Supply required data on a separate form for each type of work to be recorded (see table below).

For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and

-			Mining Act	E)	kpenditures)".	Page 1 of 2	
Name and Postal	Address of Recorded Holder			· · · · · · · · · · · · · · · · · · ·	Prospector	's Licence No.	
MINGO	RESOURCES INC.				Т	4617	
Box 28,	Toronto Dominion	Centre, TORON	TO, Ontario	M5K 1B8			

otal Work Days Cr. claimed	М	ining Claim	Work		Aining Claim	Work	N	fining Claim	Work	
	Prefix	Number	Days Cr.	Prefix	Number	Days Cr.	Prefix	Number	Days C	
or Performance of the following vork, (Check one only)	к	1004893	60		1005353	3 0		1005361	20	
Manual Work		1004894	60	100	1005354	90		1005362	20	
Shaft Sinking Drifting or		1004895	60	77	1005355	80		1005363	20	
other Lateral Work. Compressed Air, other		1004896	60		1005356	90		1005364	20	
Power driven or mechanical equip.		1004897	60		1005357	9 0		1005365	20	
Power Stripping		1004898	60		1005358	20	1.7	1005366	20	
Diamond or other Core drilling		1004899	37		1005359	20		1005367	20	
Land Survey		1005352	40		1005360	30		1005368	20	

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

DIAMOND DRILLING - Core size BQ (1 7/16" diameter)

Kenora Soil & Drilling, Box 109, Kenora, Ontario P9N 3X6

ABE - 1 from May 15 to 22, 1988 drilled to depth of 757 feet

Assessment credit requested = 757 days

ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES OFFICE

JUN 22 1988

KENORA MINING DIV.

Core stored at Kenora Soil and Drilling Pn KenoFa and Mingold Resources, Thunder Bay

Date of Report May 30, 1988 ledorded Hojder or Agent (Signature)

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, Asving performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

G. BIDWELL, 935 Cobalt Crescent, Thunder Bay, Ontario

Date Certified May 30, 1988 (Signature)

Table of Information / Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments	
Manual Work				
Shaft Sinking, Drifting or other Lateral Work	Nii	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and	
Compressed air, other power driven or mechanical equip.	Type of equipment	With dates and models of simpleyments	extent of work in relation to the neerest claim post.	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	done.	Work Sketch (as above) in duplicate	
Land Survey	Name and address of Ontario land surveyer.	Nii	Nil	



Report of Work

Supply required data on a separate form for each type of work to be recorded (see table below). Instructions -

Expenditures)".

For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and

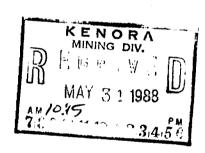
Mining Act	
------------	--

		Mining	Act .	Expenditures)".	Page 2 of	f 2
Name and Postal Address of Record	ded Holder			Prospect	or's Licence No.	
MODOLD RESOURC	ES INC.					
				· · · · · · · · · · · · · · · · · · ·		
Summary of Work Performance	and Distribution of Cred	its				
Total Work Days Cr. claimed	Mining Claim	Work	Mining Claim	Work	Mining Claim	Work

Total Work Days Cr. claimed	٨.	lining Claim	Work	Min	ing Claim	Work	Min	ing Claim	Work
	Prefix	Number	Days Cr.	Prefix	Number	Days Cr.	Prefix	Number	Days Cr.
for Performance of the following	К	1005369	20						
work, (Check one only) Manual Work									
Shaft Sinking Drifting or other Lateral Work.				_			_		
Compressed Air, other Power driven or mechanical equip.								··· <i>a</i>	
Power Stripping				***					
Diamond or other Core									
Land Survey	2 3 CM								

All the work was performed on Mining Claim(s):

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)



Date of Report Recorded Holder or Agent (Signature)

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 Postal Address of Person Certifying

768 (85/12)

Date Certified Certified by (Signature)

Table of Information / Attachments Required by the Mining Recorder

Type of Work	Specific Information per type	Other Information (Common to 2 or more types)	Attachments	
Manual Work				
other Lateral Work menu with Compressed air, other power driven or mechanical equip. Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.	
		With 6565 216 116215 of 611,510,7116.		
		Names and addresses of owner or operator together with dates when drilling/stripping		
		done.	Work Sketch (as above) in duplicate	
Land Survey	Name and address of Ontario land surveyer.	Nii	Nii	



Ministry of Northern Development and Mines

Report of Work DOCUMENT No. W8801-15

Instructions

Supply required data on a separate form for each type of work to be recorded (see table below). For Geo-technical work use form no. 1362 "Report

E.

f Work (Geological, G					
xpenditures)".	Page	_	_	_	

Name a natal Addi	ess of Recorded	Holder		Prospector's	Licence No.
NGOLD	RESOURCES	INC.	•	Ta	V)]

Mining Act

Total Work Days Cr. claimed	N	Aining Claim	Work	Mir	ing Claim	Work	Min	ing Claim	Work
751	Prefix	Number	Days Cr.	Prefix	Number	Days Cr.	Prefix	Number	Days Cr.
for Performance of the following work. (Check one only)	<u>κ</u>	1005369	30	and the second s	r en en entillemen elektronischer entille (; som en		2		
Manual Work					armont to a substitution with the state of the state of		_		
Shaft Sinking Drifting or other Lateral Work.							-		
Compressed Air, other Power driven or mechanical equip.					,				
Power Stripping									
Diamond or other Core drilling									
Land Survey									

All the work was performed on Mining Claim(s): Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

> KENORA MINING DIV.

Date of Report

necorded Holder or Agent (Signature)

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 Rostal Address of Person Certifying

1 HUNDER **Date Certified**

Certified by (Signature)

Table of Information / Attachments Required by the Mining Recorder

Table of Information/ Atta	chillents required by the willing recorder					
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments			
Manual Work						
Shaft Sinking, Drifting or other Lateral Work	Nil	Names and addresses of men who performed manual work / operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the			
Compressed air, other power driven or mechanical equip.	Type of equipment	With datas and tiodis of employment.				
Power Stripping Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		Names and addresses of owner or operator together with dates when drilling/stripping	nearest claim post.			
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	done.	Work Sketch (as above) in duplicate			
Land Survey	Name and address of Ontario land surveyer.	Nil	Nil			

768 (85/12)

MINING RIGHTS 0 269 PELLATT TP. M.2020 273 F 33: ₽ TWP 300 P (r) PELLATT 5 1089 0 S.R.O. 5 532 **(F)** 482 (**①** 287 253 **(P)** 8 R O D 70 (G) D 706 0 70 **(P**) \ O 6565 **②** M.H. 319 J.C. 89 LK.868 @ @ Portrige Boy Rot Portage Reserve No. 38 A Indian