

Township: Mathews

REPORT No.: 10

WORK PERFORMED BY: Lobo Gold & Resources Inc.

CLAIM No.	HOLE No.	FOOTAGE	DATE	NOTE
SSM 773880 SSM 773886 SSM 773887 SSM 773867 SSM 773873-75 SSM 773877	E-30 E-40 E-52 W-4 W-10 W-10B	350' 350' 288' 300' 150' 241'	Aug/84 Aug/84 Aug/84 Aug/84 Aug/84 Aug/84	(1) (1) (1) (1) (1) (1)
SSM 773879-80	W-25 7DH	1979 F	Auq/84	-

Notes: (1) #107-85





020

53, rue Allard Val d'Or, Qué. J9P 2X9

Tél.: (819) 825-6263

S. S. MARIE
MINING DIV.

DECEIVED

JUN 1 0 1985

7,8,9,10,11,12,1,2,3,4,5,8

SUMMARY REPORT

ON THE

DRILLING PROGRAM

MATTHEWS TOWNSHIP, ONTARIO.

LOBO GOLD RESOURCES INC.

Val d'Or, Quebec. September, 1984

C.D.I. Surveys Inc.
Daniel Labadie, B.Sc. Geology
Exploration Geologist



2013NE8681 10 MATTHEWS

020C

TABLE OF CONTENTS

Introduction	
Work done	1
Conclusions an	d recommendations2
ANNEX	Diamond drill logs Holes: W-4, W-10, W-25, E-30, E-40, E-52, W-10B.
	Sections
	Certificates of analyses
IN POCKET:	Location map of the drill holes

INTRODUCTION

The present report describes the results of the drilling program recently performed on the Matthews township property of Lobo Corporation.

Six (6) of the best conductive zones have been tested by drilling. Seven (7) angle holes (45 dip) have been drilled, for a total of 1979 feet, to intersect these strongest VLF-EM16 anomalies. Each drill hole is numbered by its related geophysical anomaly.

Several stringers of sulphides, altered zone and veinlets of secondary quartz have been intersected within metavolcanic rocks. The best mineralized sections have been assayed and give only trace amounts, in oz/ton, of gold and silver.

WORK DONE

Holes W-10, W-10B, W-25, E-30, E-40, and E-52, located on the enclosed map, cut through a granodiorite gneiss or a hybrid gneiss which is a granodiorite gneiss, more or less contamined by a hornblende schist. These holes intersected weakly mineralized shear zones or highly altered zones that caused the electromagnetic conductors.

Hole W-4 is associated with a magnetic high and cut metavolcanic rocks, mostly quartz-plagioclase-hornblende schist, and intersected three (3) mineralized sections. Trace amounts, in oz/ton, in gold and silver have been found.

CONCLUSIONS AND RECOMMENDATIONS

The drilling program done by Lobo Corporation on the Matthews township property has intersected all the most important VLF-EM16 anomalies and found trace amounts of gold and silver in oz/ton. The drilling program outlined numerous traces of chalcopyrite and lesser pyrrhotite but not of significant importance.

At present, no additional works are recommended to be carried out on the Matthews township property of Lobo Corporation.

Val d'Or, Quebec. September, 1984 Daniel Labadie, B.Sc. Geology Exploration Geologist

NAME OF PROPERTY: <u>Ma</u> Hole No. E-30			rio
OCATION : 11+50E 21+			
LATITUDE :	DEPARTURE		
LATITUDE :	AZIMUTH: _	1650	DIP: 450
STARTED - August 25, 19			

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH

FOO	TAGE				SAMP	LE				5 5 A	Y S	
FROM	то	DESCRIPTION	No.	% sulphidee	FROM	FOOTAGE	TOTAL	%	%	Oz /ton	Oz/ton	
					7.1.0		10124			Au		
0	52.0	OVERBURDEN										
52.0	350.0	BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS										
		Medium-grained, greenish grey rock with some pink grains. The rock is composed of feldspar and quartz with 40% to 50% by volume of the gneiss, hornblende makes up the greater part of the remainder (35 to 45%), with a lesser amount of biotite. Crosscutting veinlets of calcite and/or epidote is common. Epidote is locally important, especially along some planes of weakness.									•	
		Trace amounts of disseminated pyrite and chalcopyrite. Grains range from 1/20 inch to 1/10 inch in diameter.										
		55.6 to 57.8 PEGMATITE										
		Occuring as veins. The rock is cream white to pink. Pegmatite grains rarely exceed 1/2 inch in diameter. Traces only of ferromagnesian minerals. The main constituants are potassium feldspars, quartz ranges from 10% to 30% by volume of the rock. Hematization, causing the reddening of the planes of weakness like fractures, is common.										
		Unmineralized.										

NAME OF P	ROPERTY :M	latthews Townsl	hip Ontai	cio	
HOLE No.:	E-30	LENGTH :	350'		
LOCATION :	11+50E	LENGTH :			
LATITUDE : _		DEPARTURE :		<u></u>	
ELEVATION :		AZIMUTH:	165 ⁰	DIR : _	45 ⁰
CTARTER : A	ugust 25.	1984 FINISHED :		_	

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
					

HOLE No. : E-30 SHEET No. : 2

REMARKS :

F 0 0 1	TAGE			. •	3 A M P	LE				A S S A	Y S	
		- DESCRIPTION	3	1. %		FOOTAGE	•	%	%	Oz /ten	Oz/ton	
FROM	то		No.	sulphides	FROM	ТО	TOTAL		-7-	Av	OZ/YOR	
		60.25 to 60.75 62.0 to 62.6 FRACTURED ZONES										
		The rock is fractured and is entirely pebbly									·	
		99.6 to 100.2 PEGMATITE										
		Unmineralized.										
		110.5 to 112.0 ALTERED FRACTURE ZONES										
		The rock is brownish red. This reddening is due to the hematization of the feldspar which are also saussuritized and sericitized. All the mafic minerals are weathered out. Some traces of calcite have been noted. The rock has an argillaceous aspect.										
		Unmineralized.										
		112.5 to 113.5										
		INCLUSIONS OF QUARTZ-PLAGIOCLASE-HORNBLENDE SCHIST										
		These inclusions are more mafic with a higher content of hornblende and biotite.										
		Unmineralized.										

NAME OF PROPERTY: Matthews Township Ontario

HOLE No: E-30 LENGTH: 350'

LOCATION: 11+50E 21+50N

LATITUDE: DEPARTURE:

ELEVATION: AZIMUTH: 165° DIP: 45°

STARTED: AUGUST 25, 1984 FINISHED:

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
					<u> </u>

HOLE No.: E-30 SHEET No.: 3

REMARKS:

OOTAGE		ii .		5 A M P	L E		ĺ	•	3 5 A 1	7 3	
ROM TO	DESCRIPTION	No.	% sulphides	FROM	FOOTAGE	TOTAL	%	%	Oz /104	Oz/ton	
	117.0 to 117.5 PEGMATITE								Aw		
	Unmineralized.			l I							
	119.9 to 120.5 INCLUSIONS OF QUARTZ-PLAGIOCLASE- HORNBLENDE SCHIST										
	Chlorite occurs as an alteration product of hornblende. In these inclusions, biotite is often a main constituent.										
	Unmineralized.										
	134.0 to 134.75 142.25 to 143.4 144.0 to 144.25 149.4 to 150.3										
	Occuring as veins. From 134.0 to 134.75 the rock shows parallel fractures.										
	Unmineralized.										
	171.5 ALTERED FRACTURE										
	Epidote is a main mineral and feldspar is hematized on this plane of fracture.										
	Unmineralized.										

FOOTAGE	1	AZIMUTH	FOOTAGE	DIR	#ZIMUTH
	<u> </u>				

"IOLE No. : E-30 SHEET No. : 4

175.9 to 178.2 FAULT ZONE Epidotized fractures and veinlets. Slickenside	OTAGE TO TOTAL	%	%	Oz /ten	Oz/ton
Epidotized fractures and veinlets. Slickenside				Aw	1
striae are a common visible structure and occur on fault planes. Feldspars are hematized and are associated with chlorite and epidote. Unmineralized. 202.4 to 207.7 230.0 to 230.9 PEGMATITE Approximately 1% of apatite occurs as an accessory mineral. 1% by volume of magnetite grains. Trace amounts of disseminated pyrite and chalcopyrite. 237.0 to 238.0 Narrow stringers of calcite, in part weathered out, follows the gneissosity. These veinlets make up 5% by volume of the rock.					

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	HTUMIZA

HOLE No.: E-30 SHEET No.: 5

00TAGE		I		3 A M P	LE				3 3 A '	7 5	
FROM TO	DESCRIPTION	No.	% su!phidee	FROM	FOOTAGE	TOTAL	%	%	Oz /ton	Oz/ton	
350.0	279.1 to 282.4 291.9 to 292.5 294.1 to 294.6 GRANODIORITE 300.4 to 301.2 302.6 to 303.1 Occurs as veins. It is a fine-grained, light grey rock. Unmineralized. 308.25 to 308.75 345.7 to 346.5 PEGMATITE Unmineralized. END OF HOLE.			FROM	10	TOTAL			Av		

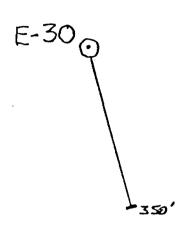
L-11.50 € 0,00 1450N 12-00N 16+00N --**Pegmatite** Inclusion of Quartz-Plagioclase-Hornblende Schist Pagmatite Pegmotite BIOTITE - HORNBLENDE - QUARTZ - FELDSPAR GNEISS LOBO GOLD RESOURCES Inc. Gra nodiorite Matthews twp , Ontario Pegmatite SECTION SHOWING No. E-30 **Pegmatite** 1-11+50 E / 21+50 N EXECUTED BY: CDI SURVEYS INC. 1"= 501 SUPERVISED BY D. LABADIE

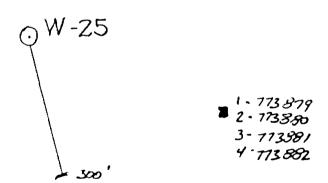
ALTERED ZONES

1" : 50"

AUGUST 1964

SCALE





See maps provided w/npt)
See maps provided with report

LAME OF PE	ROPERTY	Matthews Townsh	ip Ontari	<u> </u>		
		LENGTH:	_			
OCATION : _						
ATITUDE : _		DEPARTURE :				
LEVATION :		AZIMUTH : 360	o°	DIP : _	45 ⁰	
		1984				

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
	<u> </u>				

HOLE No. : E-40 SHEET No. : 1

REMARKS:

773886

F 0 0 T	AGE				5 A M P	LΕ				3 3 A	7 5	
FROM	то	DESCRIPTION	No.	% swiphides	FROM	FOOTAGE	TOTAL	%	%	Oz /108	Oz/ton	
0	28.0	OVERBURDEN								A*		
28.0	233.4	Medium-grained, light grey to greenish grey rock. This gneiss has a prominent augen-type structure and sometimes a lepidoblastic structure. The augen have an average diameter of 1/4 inch. This rock grades to a biotite-hornblende-quartz-feldspar gneiss where biotite and hornblende are important. This gneiss seems to be a hybrid between biotite granodiocite gneiss and quartz-plagioclase-hornblende schist. The reddening of the rock on planes of fracture is common. Biotite and hornblende range from 15% to 35% by volume of the rock. Epidote and hematite are locally important in fracture zones. Trace amounts of disseminated pyrite, chalcopyrite and magnetite, mainly closely associated with the more mafic minerals-rich zones.										

NAME	OF	PROPERTY	: Mattl	news Town	ship (Ontario		
HOLE	Na.:	E-40		LENGTH :	<u>3</u> 50'			
LOCATI	ON :	44+00	DE 15+	50N				
LATITU	DE :	·		DEPARTUR	E :			
ELEVA	TION	l :		_ AZIMUTH:	360°	0	DIP :	450
CTA DT	ED:	August	25. 198	B4FINISHED	ı			

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
	<u> </u>				

HOLE No. : E-40 SHEET No. : 2

FOOT	AGE				5 A M P	LE				5 5 A 1	3	
FROM	то	DESCRIPTION	No.	% sulphides	FROM	FOOTAGE	TOTAL	%	*/•	Oz /tea	Oz/ton	
		78.7 to 79.4 93.25 to 94.4 100.1 to 103.0 120.3 to 121.1 150.5 to 152.1 175.2 to 176.9 The rock is cream white to pink and has a granitic composition. Pegmatite grains have an average diameter of 1/4 inch. Apatite occurs as an accessory mineral. Reddening of fractures by hematization of feldspars is common. Trace amounts of disseminated hematite and magnetite. 182.5 to 182.7 186.6 to 186.8 FRACTURE ZONES 216.9 to 217.2 The rock has an argillaceous aspect and is completely altered by hematization of the feldspars and chloritization of mafic minerals. From 216.9' to 217.2', the rock has a talcochloritic composition where talc makes up 75% by volume of the rock, chlorite 15%, hematite 5% and epidote 5%. Unmineralized.			FROM	70	TOTAL			Av		

NAME OF PROPERTY	. Matthews Towns	ship Ontar	io		
HOLE No.: $\frac{E-40}{44+00}$	E 15+50N				
	DEPARTURE	1			
ELEVATION :	AZIMUT'	360	DIR : _	450	
STARTED: August	25. 1984FINISHED:				

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
					<u> </u>

HOLE No. : E-40 SHEET No. : 3

F 0 0	TAGE	D E S C R I P T I O N			S A M F				^	3 8 A Y	3	
FROM	то		No.	% suiphides	FROM	FOOTAGE	TOTAL	%	%	Oz /TOA	02/10m	
233.4	249.9	QUARTZ-PLAGIOCLASE-HORNBLENDE SCHIST								Av	Ag	
		Partially assimilated by biotite granodiorite gneiss and grading to a biotite-hornblende-quartz-feldspar gneiss. The rock has crosscutting veinlets of quartz. Chlorite occurs as an alteration product of biotite and hornblende.		2	243,6	244,25				traces	traces ,	
		2% by volume of pyrite in narrow stringers associated with epidote and secondary quartz.										
249.9	350.0	BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS										
		It is predominantly a granodiorite contamined by the quartz-plagioclase-hornblende schist. The mafic minerals, like biotite and hornblende, are more important in proportion.						·				
		Trace amounts of disseminated pyrite.										
		263.0 to 263.9 PEGMATITE					<u></u>					
		Unmineralized.										
						!						
<u></u>	<u> </u>		L	L	<u> </u>		<u></u>		<u> </u>	<u> </u>		

NAME OF P	ROPERTY :	Matth	ews town	ship Onta	rio	
HOLE Na:	E-40		LENGTH :	350'		
LOCATION :	44+00E	15+5	ON			
LATITUDE :			DEPARTURE			
ELEVATION			AZIMUTH:	360 ⁰	DIP :	
STARTER:			FINISHED :			

FOOTAGE	018	AZIMUTH	FOOTAGE	DIR	AZIMUTH
	ļ				
				 	

HOLE No. : E-40 SHEET No. : 4

REMARKS:

FOOTAGE		DESCRIPTION			SAMP	LE			A	3 3 A 1	7 3	
FROM	то	DESCRIPTION	No.	eviphides	FROM	FOOTAGE	TOTAL	%	%	Oz /ton	Oz/ten	
FROM	350.0	265.0 to 265.6 291.3 to 291.9 330.9 to 332.4 339.9 to 344.25 The rock has a prominent felsic composition. Feldspar makes up 75% to 80% of the rock, quartz 15% to 20%, biotite being the remainder. Unmineralized. END OF HOLE	No.	swiphidos	FROM	TO	TOTAL	**	**	Oz /ton Au	Oz/tee	

L-44.00 E 15.50N 16.00N 24.00N 28.00N Pegmotite BIOTITE - GRANDDIORITE GNEISS QUARTZ - PLAGIOCLASE - HORNBLENDE SCHIST Pegmatite LOBO GOLD RESOURCES Inc. Gronodiorite Matthews twp , Ontario BIOTITE - HORNBLENDE - QUARTZ - FELDSPAR GNEISS SECTION SHOWING No: E-40 1-44.008 / 15.50 N EXECUTED BY: CDI SURVEYS Inc. 360 .

FIFTHE ALTERED ZONES

SUPERVISED BY D. LABADIE

1" = 50"

DATE AUGUST 1984

SCALE

350' 350'

JE-40

3-773886/ Mc Cain. 2-773886/ (1 claim) 1-73334

See maps provided with report

NAME OF PROPERTY:	Matthews Township Ontario
HOLE Na: _E-52_	LENGTH :
LOCATION : _56+00E	24+00N
LATITUDE :	DEPARTURE :
ELEVATION :	DEPARTURE: AZIMUTH: 180° DIP: 45°
	25, 1984 INISHED:

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH

HOLE No. : E-52 SHEET No. : 1

REMARKS: _____

773887

F 0 0	TAGE		SAMPLE		SAMP				A 5 5 A 1	Y 3		
FROM	то	DESCRIPTION	No.	°/ _A swiphides	FROM	FOOTAGE	YOTAL	%	%	Oz /108	Oz/ten	
0	10.0	OVERBURDEN								Av		
10.0	130.5	BIOTITE-GRANODIORITE GNEISS										
		Light grey to pinkish grey. The rock is medium- grained and has a predominant augen-type structure.										
		Trace amounts of pyrite.										
		74.0 to 74.1										
		Greenish grey, argillaceous material filling a fracture.										
		74.1 to 76.1 AMYGDALOIDAL LAVA						i]			
		Massive, dark green to black rock with round amygdules of quartz and phenocrysts of plagioclase. Amygdules and phenocrysts have an average diameter of 1/8 inch. The rock is composed of 90% hornblende replaced in part by chlorite, 5% of sericitized plagioclase, quartz and a lesser amount of biotite making up the remainder.										
		Trace amounts of disseminated pyrite.										

NAME (OF	PROPERTY :	Matthews Townsh	ip Ontar	io		
			LENGTH :				
LOCATIO	N:	56+00E	_24+00N				
LATITU	DE :	·	DEPARTURE :				
ELEVAT	101	l :	A."MUTH:	180°	DIR : _	45 ⁰	
			1984 EINIGUED .				

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
	-				

HOLE No. : E-52 SHEET No. : 2

REMARKS:

F001					SAMP	1 8				3 3 A 1	7 3	
		DESCRIPTION .	 	1 %		FOOTAGE		!	1		1	
FROM	TO	•	No.	swiphides	FROM	TO	TOTAL	%	%	Oz /ton	02/108	
										Av		
		76.1 to 76.35					<u> </u>		İ			
		The planes of fracture have slikenside striae composed of talc and chlorite, indicating a faulted zone.										
		Unmineralized.										
		87.1 to 88.0										
		The rock shows a brecciated texture. Epidote makes up 30% by volume of the rock with traces of calcite. The more calcite-rich zones are weathered out. Feldspars are highly hematized giving a reddish colour to the rock. Epidote is frequently found in well formed crystals ranging from 1/8 inch to 1/4 inch in diameter. Epidotization is a low-temperature metasomatism and is found in veins and joints fillings. Unmineralized.										
130.5	192.1	GRANODIORITE										
		Massive, light grey to cream white rock. It is fine-to medium-grained. Biotite makes up approximately 5% by volume of the rock. The contact is gradational with the biotite granodiorite gneiss.										
		Unmineralized.								<u> </u>		<u></u>

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
	ļ		<u> </u>		
			<u> </u>		

HOLE No.: E-52 SHEET No.: 3

REMARKS:

FOOTAG	GE				SAMP	ιE		<u> </u>	A	3 5 A	7 8	
FROM T.		DESCRIPTION	No.	% sulphides	FROM	FOOTAGE	TOTAL	-,_	%	Oz /ton	0z/10a	
192.1 194	14.6	PEGMATITE			FR0=	10_	1012			Av		
	,4.0	Cream white to pink, coarse-grained rock with less than 5% biotite and traces of apatite. The rock has a granitic composition. Unmineralized.									1	
194.6 235	15.2	In some places, the rock is highly distorted showing ptygmatic folded quartz and granodiorite veins. The rock is partially chloritized and sericitized. Contacts with intrusive rocks are more biotite-rich zones. Trace amount of disseminated pyrite. 207.5 to 208.9 211.5 to 214.25 GRANODIORITE 216.6 to 219.2 Occurs as veins cutting the quartz-plagioclase-hornblende schist. It is a fine grained, cream white, equigranular rock. Trace amounts of calcite have been noted. Unmineralized.										

NAME OF	PROPERTY :	Matthew	s Townsh	ip Ontari	Ó	
				2881		4.
	. 56+001					
LATITUDE	.	t	EPARTURE	ı		
ELEVATION	N :		AZIMUTH:	180°	DIP:	45 ⁰
CTARTER :	August 2	5. 1984	-			

POOTAGE	DIE	AZIMUTH	FOOTAGE	DIR	HTUMISA
				<u> </u>	

HOLE No. : E-52 SHEET No. : 4

REMARKS:

Dain Chuki

F 0 0 1	AGE				5 A M P	LE		ASSAYS					
FROM	то	DESCRIPTION	No.	oviphides	FROM	FOOTAGE	TOTAL	%	%	Oz /*on	Oz/ton		
		226.25 to 228.7 PEGMATITE								_Au_			
35.2	288.0	BIOTITE GRANODIORITE GNEISS The rock has a more prominent lepidoblastic structure. Unmineralized.									·		
		240.1 to 241.4											
		The rock has few inclusions of dark grey to dark green quartz-plagioclase-hornblende schist.	- Targette and					=					
		264.4 to 766.4 PEGMATITE											
		Trace amounts of molybdenite and magnetite.											
	288.0	END OF HOLE.											

£-56+00 & 16-00 N 20+00N 24.00N 28+00 N イノグ、インデー OVERBURDEN ハインスパンピー タベスショスシーンこう BIOTITE - GRANODIORITE GNEISS Amygdaloidal Lava GRANODIORITE PEGMATITE Granodiorite QUARTZ - PLAGIOCLASE - HORNBLENDE SCHIST Quartz-Plagioclase-Hornblende Schist Pegmotite BIOTITE - GRANODIORITE GNEISS LOBO GOLD RESOURCES Inc. Matthews twp , Ontario SECTION SHOWING No: E-52 1-56.00 E / 24.00 N EXECUTED BY: CDI SURVEYS Inc. AZIMUTH : 180* SUPERVISED BY D.LABADIE

DATE : AUGUST 1984

ALTERED ZONES

N

4. 773897 ONE Claim 1-773886 (0 no claim) 2. 773888 3-775888

E-52 ¢

See mys w/Mpt. Die mys w/Mpt.

NAME OF PROPERTY : _	Matthews Township Ontario
HOLE Na: W-4	LENGTH:
LOCATION : 43 97W	24+82S
LATITUDE :	^<^ARTURE :
ELEVATION :	^COARTURE:
	1984 FINISHED :

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
				_	

HOLE No.: _____ SHEET ' o.: _____

77786

Daniel Lab

LOGGED	BY: Daniel	Labadie

FOO	TAGE	DESCRIPTION			SAMP	LE				3 3 A 1	r s	
FROM	то	DESCRIPTION	No.	% swiphidee	FROM	FOOTAGE	TOTAL	%	%	Oz /ten	Oz/ton	
0	12.3	OVERBURDEN								Av		
<u>.</u>		Mostly glaciolacustral deposit.										
12.3	13.3	BIOTITE GRANODIORITE GNEISS									•	
		Light grey rock with an average grain size of 1/16 inch. This gneiss has a lepido-blastic structure, but in some places an augen-type structure. The average composition of the rock in volume is: 25% quartz, 60% feldspar and 15% biotite. Unmineralized.										
13.3	13.75	CONTACT ZONE										
		40% biotite by volume with crosscutting pegmatite vein of granitic composition. Minerals grain diameter is 1/8 inch and the vein is one inch thick. Unmineralized.										
13.75	32.7	QUARTZ-PLAGIOCLASE (CHLORITE) HORNBLENDE SCHIST										
		Medium-grained, dark green rock with 5 to 15% of crosscutting veinlets of quartz, having an average thickness of 1/4 inch. This rock is composed, in % volume, of hornblende (80 to 90%), plagioclase (10 to 15%), the remainder being quartz. Secondary quartz is sometimes present. The main accessory minerals										

NAME OF F	PROPERTY :Ma	tthews Town	ship Onta	rio.
HOLE Na:	W-4	LENGTH :	300'	
LOCATION :	43+97W	24+825		
LATITUDE :		DEPARTURE	:	
ELEVATION	1	AZIMUTH:	178 ⁰	DIR : _45°

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
					
	L		L		

HOLF No. : W-4 SHEET No. : 2

F 0 0 1	AGE				5 A M P	LE	-			3 5 A	7 5	
FROM	то	DESCRIPTION	Mo.	% swiphidos	FROM	FOOTAGE	TOTAL	%	7/6	Oz /108	Oz/toa	
		are biotite, pyrite and rare epidote. Chlorite is present as the alteration product of hornblende. The rock has minor zones of more biotite- rich composition.								A		
		5% pyrite from 13.75 to 15.0 2% pyrite from 17.6 to 19.6 In distorted veinlets as replacement of felsic minerals in planes of schistosity. Rock has generally traces of disseminated pyrite.										
32.7	34.0	GRANODIORITE										
		Medium-grained, grey rock with some pink stain from microcline. The composition of this rock is plagioclase, microcline, quartz with lesser biotite. The rock has no foliation.										
		Traces of disseminated pyrite.										
34	55.0	QUARTZ-PLAGIOCLASE (CHLORITE) HORNBLENDE SCHIST Biotite ranges from 5 to 10% (in volume) in the rock composition.										
		2% (in volume) of pyrity. Disseminated or as replacement of felsic minerals.										

NAME OF PROPERTY:	Matthews Township Ontario	
HOLE Na:W-4	LENGTH: 300'	_
LOCATION : 43+97		
LATITUDE :	DEPARTURE :	
ELEVATION :	AZIMUTH:1780 DIP:450	
STARTED August 2		

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH

HOLE No. : W-4 SHEET No. : 3

FOOTAGE					5 A M P	LE	ļ	ASSAYS					
		. DESCRIPTION	No.	% sulphides		FOOTAGE		· •/•	%	Oz /108	Oz/ton		
FROM	то		<u> </u>	sylphides	FROM	то	TOTAL		-	Au	Ag	<u></u>	
		35.75 to 36.75 48.0 to 48.6 BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS											
		Medium-grained, greenish grey rock with lepido- blastic texture. It occurs as layers inter- banded with quartz-plagioclase (chlorite) hornblende schist in gradational contact and with minor bands of more biotite-rich schist. The rock is composed of biotite (15 to 30%), feldspar (45 to 55%) quartz (15 to 20%), and hornblende (15 to 30%) as replacement of biotite. Traces of calcire and epidote. Traces of disseminated magnetite. Associated with more biotite-rich zones.											
55.0	63.9	QUARTZ-PLAGIOCLASE (CHLORITE) HORNBLENDE SCHIST											
		With amphibolite zones. Hornblende is the main constituent with 80% (in volume) of the rock, the remainder being biotite and chlorite with 10% and 5% respectively. The main accessory minerals are pyrite, magnetite, sericite and rare epidote. This medium-grained amphibolite is closely associated with quartz-plagioclase (chlorite) hornblende schist and is probably a slightly different phase.	1120	5	57.6	58.5				traces	traces		

NAME OF PROPER	TY: <u>Marti</u> 4	LENGTH:	up Ontai 300'	rio
LOCATION :	43+97W	24+82S		
LATITUDE :				
ELEVATION :		AZIMUTH:	_175 ⁰	DIP: _45 ⁰
STARTED : Augus	t 25, 1984	FINISHED : _	····	

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH

HOLE No.: W-4 SHEET No.: 4

REMARKS:

F 0 0	TAGE				SAMP	LE				A S S A Y S		
	T ==	DESCRIPTION		**	1	FOOTAGE		%	1 %	02/100	02/108	
FROM	то		No.	swiphides	FROM	ТО	TOTAL	<u> </u>	*		027100	
		1% of disseminated magnetite. Varying in size from 1/20 to 1/10 inch. 5% of disseminated pyrite of in narrow stringers along the planes of schistosity. And frequently associated with secondary veinlets of quartz.								Av		
63.9	64.7	BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS			<u>.</u>							
		Greenish grey and green mottled rock with lepidoblastic texture. Grains have an average diameter of 1/10 inch. The rock is composed, by volume, of hornblende 30%, biotite 10%, feldspar 45% and quartz 15%.										
		Traces of very fine pyrite. Also a lesser amount of chalcopyrite.										
64.7	69.0	AMPHIBOLITE										
		Dark green, medium-to coarse-grained rock with hornblende comprising 85% of the rock, plagio-clase and biotite making up the remainder with 10% and 5% respectively. Main accessory mineral is pyrite. Sericite is present as the alteration product of plagioclase. This rock has 10% of crosscutting veinlets of quartz.										
		From 65.1 to 65.3, 5% pyrite as replacement of felsic minerals. And in stringer along a secondary quartz veinlet. Associated with										

FOOTAGE	OIR	AZIMUTH	FOOTAGE	DIR	HTUMISA

HOLE No. : W-4 SHEET No. : 5

F00	TAGE		1		SAMP	LE	•••		-	3 3 A	7 3	
FROM	то	DESCRIPTION	No.	% sulphides	FROM	FOOTAGE	TOTAL	%	%	Oz /ten	Oz/ton	
		epidote. Traces of disseminated magnetite. Often associated with veinlets of quartz.			, , , ,					Av		
		More biotite-rich amphibolite, which has a more lepidoblastic aspect with biotite varying from 20% to 45%, chlorite 5%, feldspar 5% and hornblende being the remainder.										
69.0	70.2	Light grey, medium-grain rock with a lepido- blastic structure. The constituents of the rock are quartz 25%, feldspar 60% and biotite 15%, potassium feldspar being 20% of this average composition. Traces of pyrite.										
		69.8 to 69.9 BIOTITE SCHIST Biotite is the main constituent with 90% of the rock, chlorite 5%, quartz and feldspar making up the remainder. Traces of magnetite.										

NAME OF PROPERTY : _	Matthews Township Ontario	
HOLE Na: W-4	LENGTH :	
LOCATION : 43+97W	24+82S	_
LATITUDE :	DEPARTURE :	
ELEVATION :	AZIMUTH: 178° DIP: 45°	
STARTED : August 25	, 1984 FINISHED :	

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	HTUMIZA
	-				

HOLE No.: W-4 SHEET No.: 6

REMARKS:

	SAMPLE				ASSA			Y 5		
DESCRIPTION	No.	%		FOOTAGE		•/4	%	07/108	Oz/ton	Oz /tor
		101,7	FROM	70	- The state of	 		Au	Ag	Mo
AMPHIBOLITE										
Dark green rock with hornblende (80%), biotite (15%) and plagioclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material.										
of magnetite. Grain diameter is 1/8 inch.				}	1					
This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite.										
						1				
	11201	17	74.25	74.75				traces	traces	s .225
	Dark green rock with hornblende (80%), biotite (15%) and plagioclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material. 5% of magnetite. Grain diameter is 1/8 inch. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite. QUAPTZITE The rock is light grey to white and very coarse-grained. The grain size is 1/4 inch. The rock has 20% of inclusion 1/4 inch thick. These inclusions are composed of chlorite, hornblende	Dark green rock with hornblende (80%), biotite (15%) and plagioclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material. 5% of magnetite. Grain diameter is 1/8 inch. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite. QUAPTZITE The rock is light grey to white and very coarse-grained. The grain size is 1/4 inch. The rock has 20% of inclusion 1/4 inch thick. These inclusions are composed of chlorite, hornblende	AMPHIBOLITE Dark green rock with hornblende (80%), biotite (15%) and plagioclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material. 5% of magnetite. Grain diameter is 1/8 inch. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite. QUAPTZITE The rock is light grey to white and very coarse-grained. The grain size is 1/4 inch. The rock has 20% of inclusion 1/4 inch thick. These inclusions are composed of chlorite, hornblende	AMPHIBOLITE Dark green rock with hornblende (80%), biotite (15%) and plagicclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material. 5% of magnetite. Grain diameter is 1/8 inch. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite. QUAPTZIFE The rock is light grey to white and very coarse-grained. The grain size is 1/4 inch. The rock has 20% of inclusion 1/4 inch thick. These inclusions are composed of chlorite, hornblende	AMPHIBOLITE Dark green rock with hornblende (80%), biotite (15%) and plagioclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material. 5% of magnetite. Grain diameter is 1/8 inch. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite. QUAPTZITE The rock is light grey to white and very coarse-grained. The grain size is 1/4 inch. The rock has 20% of inclusion 1/4 inch thick. These inclusions are composed of chlorite, hornblende	AMPHIBOLITE Dark green rock with hornblende (80%), biotite (15%) and plagioclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material. 5% of magnetite. Grain diameter is 1/8 inch. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite. QUAPTZIFE The rock is light grey to white and very coarse-grained. The grain size is 1/4 inch. The rock has 20% of inclusion 1/4 inch thick. These inclusions are composed of chlorite, hornblende	AMPHIBOLITE Dark green rock with hornblende (80%), biotite (15%) and plagioclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material. 5% of magnetite. Grain diameter is 1/8 inch. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite. QUAPTZIFE The rock is light grey to white and very coarse-grained. The grain size is 1/4 inch. The rock has 20% of inclusion 1/4 inch thick. These inclusions are composed of chlorite, hornblende	AMPHIBOLITE Dark green rock with hornblende (80%), biotite (15%) and plagioclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material. 5% of magnetite. Grain diameter is 1/8 inch. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite. QUAPTZIFE The rock is light grey to white and very coarse-grained. The grain size is 1/4 inch. The rock has 20% of inclusion 1/4 inch thick. These inclusions are composed of chlorite, hornblende	AMPHIBOLITE Dark green rock with hornblende (80%), biotite (15%) and plagioclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material. 5% of magnetite. Grain diameter is 1/8 inch. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite. QUAPTZIFE The rock is light grey to white and very coarse-grained. The grain size is 1/4 inch. The rock has 20% of inclusion 1/4 inch thick. These inclusions are composed of chlorite, hornblende	AMPHIBOLITE Dark green rock with hornblende (80%), biotite (15%) and plagioclase, partially altered in sericite, being 5% of the average composition. The rock is coarse-grained with an average diameter of 1/10 inch, and has crosscutting veinlets of quartz and granitic material. 5% of magnetite. Grain diameter is 1/8 inch. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS This medium-grained, greenish grey rock with a mottled aspect has a lepidoblastic texture. The rock is composed of hornblende 25%, biotite 15%, quartz 20% and feldspar 40%. Trace amounts of pyrite. QUAPTZIFE The rock is light grey to white and very coarse-grained. The grain size is 1/4 inch. The rock has 20% of inclusion 1/4 inch thick. These inclusions are composed of chlorite, hornblende

NAME OF PROPERTY:	Matthews Township	Ontario
		300'
LOCATION :43+97	N 24+82S	
LATITUDE :	DEPARTURE :	
ELEVATION :	AZIMUTH: 1	178° DIP : 45°
STARTED : August 2	5. 1984 FINISHED:	

FOOTAGE	L	AZIMUTH	FOOTAGE	DIR	AZIMUTH
	 				

HOLE No. : W-4 SHEET No. : 7

			п									
FOO	TAGE	DESCRIPTION			3 A M P	LE		_		3 3 A 1	' 5	
FROM	то		Ne,	% sulphides	FROM	FOOTAGE	TOTAL	%	%	Oz /108	02/10A	_
74.75	75.0	The rock contains approximately 15% by volume of pyrite, 2% molybdenite and trace amounts of chalcopyrite and magnetite. The sulphide minerals are found in narrow banded structures. PEGMATITE								Av	-	
		Pegmatite vein of granitic composition. The rock is cream white with pink stain from perthite. The pegmatite grains have an average diameter or 1/4 inch. Pink perthite is the main mineral making up approximately 40% of the rock, quartz and albite make up 25% and 35% respectively. Traces of biotite have been observed. 5% of magnetite in a 3/8 inch grain. Occuring as an accessory mineral.										
75.0	87.8	QUARTZ-PLAGIOCLASE-HORNBLENDE SCHIST The rock has the same characteristics except for biotite, this mineral varying from 5% to 40% as replacement of hornblende. From 83.5 to 84.6, an altered zone, with more epidote-rich composition is carbonatized. The rock has 15% of crosscutting veinlets of quartz or granitic veins, ranging from 1/8 inch to 2 inches in thickness.										

NAME OF PROPERTY:	Matthews township Ontario	
	LENGTH:300'	_
LOCATION: 43+97	24+825	
LATITUDE :	DEPARTURE :	
ELEVATION :	AZIMUTH: 178° DIP: 45°	
STARTED August 2	, 1984 FINISHED :	

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
				 	

HOLE No. : W-4 SHEET No. : 8

REMARKS:

FOOT	AGE				SAMP	LE			A	5 5 A 7	7 5	
		DESCRIPTION		1 %		FOOTAGE		*	1 %	02/108	Oz/ton	
FROM	ТО		No.	sviphides	FROM	TO	TOTAL	<u>*</u>	1 %		OZ / TOR	
87.8	98.1	Pyrite and traces of chalcopyrite for a total of 2%, occuring generally as replacement of felsic minerals in fine stringers or associated with crosscutting veinlets of secondary quartz. Pyrite is also found disseminated as an accessory mineral. The main mineralized zone is located from 92.0 to 84.75' where mineralization is composed of 5% pyrite and 1% chalcopyrite. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS								Au	•	
	30.1	The rock is composed of hornblende (20%), biotite (15%), feldspar (45%) and quartz (20%). The rock has gradational contacts with quartz-plagioclase-hornblende schist and has inclusions of biotite schist. The gneiss is a medium-grained rock of greenish grey colour and has a mottled aspect from hornblende and biotite. Bands of more quartz-feldspar-rich content are found in contact zones. Unmineralized.										
		88.5 to 89.1 89.3 to 89.6 BIOTITE SCHIST 96.75 to 97.1 Medium-grained, dark green rock. Biotite is the main constituent varying from 70% to 90% of the rock. The remainder being quartz and feldspar. Chlorite occurs as alteration product of biotite.										

NAME OF PROPERTY:	Matthews Township Ont	ario
	LENGTH :300 '	
	24+825	
LATITUDE :	DEPARTURE :	
ELEVATION :	AZIMUTH: <u>178⁰</u>	DIR :45 ⁰
STARTED : August 2	25, 1984 FINISHED :	

POOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
	<u> </u>			-	

HOLE No. : W-4 SHEET No. : 9

REMARKS: _____

F 0 0 1	TAGE				SAMP	LE				. 5 5 A	7 5	
FROM	то	DESCRIPTION	No.	% sulphides		FOOTAGE		%	%	Oz /ten	Oz/ton	
		Unmineralized.		3017	FROM	ТО	TOTAL			Au		
8.1	125 3								1			
3.1	125.2											
		The rock has approximately 15% of crosscutting granitic veins or veinlets of quartz, ranging									-	
		from 1/8 inch to 1 inch. Chlorite is present as alteration product of biotite and hornblende.										
		Traces of disseminated pyrite and magnetite. Pyrite is sometimes found with veinlets of quartz. 5% pyrite from 124.0 to 124.5' as replacement of felsic minerals.										
		106.0 to 106.4										
		Band of biotite-hornblende-quartz-feldspar gneiss.										
		Unmineralized.										
		At 105.5, 108.5, 111.0 and from 119.4 to 120.4 ROCK-FISSURES										
		Characterized by an assemblage of white to light grey calcite, epidote, actinolite and traces of siderile; all as crystals ranging from 1/20 to 1/8 inch in diameter. Calcite is the main constituent making up 80% of these zones, epidote being the second main mineral.										

NAME OF PR	OPERTY :	Matthews Townsh	ip Ontario	L	
HOLE Na: _	W-4	LENGTH:			
LOCATION : _	43+97W	24+82S			
LATITUDE :		DEPARTURE :			
ELEVATION :		AZIMUTH:	178°	DIP : 450	
Aı	gust 25.	1984			

FOOTAGE	OIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
					

HOLE No.: W-4 SHEET No.: 10

	OOTAGE											
F 0 0 T	AGE	DESCRIPTION			SAMP	LE				3 \$ A '	Y S	
FROM	TO		No.	-/-	FROM	FOOTAGE	TOTAL	%	%	Oz /108	02/100	
			1		FROG	 '	10126			Av		_
		The quartz-plagioclase-hornblende schist is gradually carbonatized and epidotized close to these zones.						·				
		Traces of pyrite.	l									
125.2	130.5	BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS										
		One-inch thick granitic vein at 126.9'.										
		Traces of disseminated pyrite, the average grain diameter is 1/20 inch.										
130.5	149.4	QUARTZ-PLAGIOCLASE-HORNBLENDE SCHIST										
		Dark green, fine-to medium-grained rock with variable amount of crosscutting veinlets of quartz and granitic veins varying in size from 1/10 to 1 inch. Many narrow bands of more amphibolitic composition, averaging one inch thick, and where hornblende makes up to 90% of the rock have been observed. Sulfide mineralizations are closely associated with these amphibolite zones. The felsic minerals, like quartz and feldspar, rarely exceed 30% in volume of the rock.	1120	5	147.0	147.7				traces	traces	
		135.5 to 135.75 138.25 to 138.50 - 5% pyrite 142.25 to 142.6				<u>.</u>						

NAME OF PROPE	RTY: Mat	thews Townsh	nip Ontar	io	
HOLE Na:W	-4_	LENGTH:	300'		
LOCATION :	43+97W	24+62S			
LATITUDE :		DEPARTURE	·		
ELEVATION :		AZIMUTH:	178 ⁰	DIR :	45 ⁰
STARTED , Augus	st 25, 19	984 FINISHED .			

FOOTAGE	DIP	AZIMUTH	FOOTAGE	918	AZIMUTH
		<u></u>			

HOLE No.: W-4 SHEET No.: 11

REMARKS:

FOOT	AGE	D E S C R I P T I O N			SAMP	LE			^	SSAT	r s	
FROM	~ 0		No.	% swiphides	FROM	FOOTAGE -	TOTAL	%	%	Oz /ton	Oz/ton	
149.4		2% pyrite, traces amounts of pyrrhotite, and chalcopyrite. The main sulfide-rich zone is traced from 147.0 to 147.7, where it is found pyrite 6%, pyrrhotite 4%, with trace amounts of chalcopyrite. Sulfide occurs as partial replacement of felsic minerals in narrow stringers following the foliation of the rock. These mineralization are restricted to more hornblende-rich zones in the quartz-plagioclase-hornblende schist. PEGMATITE Light pink to pinkish grey rock. The pegmatite grains range in size from 1/8 inch to 3/8 inch in diameter with the average diameter being 1/4 inch. Microcline with pink perthite inclusions is the main mineral making up approximately 45% of the rock, with quartz 30% and Albite 25%. Trace amounts of biotite and hornblende have been noted. This granitic pegmatite occurs as vein cutting the quartz-plagioclase-hornblende schist. Unmineralized.	Me.		FROM	10	TOTAL	*		Av		

NAME OF PROPERTY :	Matthews Township Ontario
	LENGTH: 300'
LOCATION :43+974	7 24+82S
LATITUDE :	DEPARTURE :
ELEVATION :	AZIMUTH: 1780 DIP: 450
STARTED : August 25	5, 1984 FINISHED:

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH

HOLE No.: W-4 SHEET No.: 12

REMARKS:

FOOTAGE			SAMPLE					A S S A Y S			
FROM TO	то	DESCRIPTION	No.	% sulphidus	FROM	FOOTAGE	LTOTAL	%	%	Oz /ten	Oz/ton
153.4	269.6	QUARTZ-PLAGIOCLASE-HORNBLENDE SCHIST Dark green to black, medium-grained rock with crosscutting veinlets of quartz and granitic veins. Trace amounts of disseminated pyrite and magnetite. Pyrite is rarely found in stringers except from 163.25 to 163.4', where the rock is found to contain 1% of pyrite and pyrrhotite with trace amounts of chalcopyrite. From 202.25 to 202.35', the rock contains 5% of pyrite and trace of pyrrhotite. In these zones, mineralization is found in narrow stringers as partial replacement of felsic minerals in/or along the crosscutting veinlets or quartz.			FROM	FOOTAGE	TOTAL	24	%	Oz /ten	Oz/ton
		This light grey rock occurs as veins cutting the quartz-plagioclase-hornblende schist. Pegmatite grains range from 1/8 inch to 1/2 inch. The average composition of the rock is: Quartz 35%, Albite 40% and plagioclase 25%. Hornblende occurs as an accessory mineral. Veins are 3.5 inches in thickness. This rock is unmineralized.									

NAME OF PRO	PERTY :	Matthews To	wnship On	tario	
HOLE Na:	W-4	LENGTH :	300'		
LOCATION :	43+97W				
LATITUDE :		DEPARTURE			
ELEVATION :		AZIMUTH:	178°	DIP :45 ⁰	
	gust 25	1984			

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
		ý			
			l		

HOLE No.: W-4 SHEET No.: 13
REMARKS:

	т		1					r			·	
F00	TAGE	DESCRIPTION			SAMP	LE				3 3 A 1	7 3	
FROM	то	or series .	No.	% sulphides	FROM	FOOTAGE	TOTAL	%	%	Oz /ton	Oz/ton	
		185.0 to 185.6 BIOTITE GRANODIORITE GNEISS								Ay		
		This intrusive is unmineralized. 188.4 to 188.8 192.0 to 193.6 BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR 202.5 to 206.7 GNEISS Here biotite rarely exceede 5% by volume of the rock. Trace amounts of pyrite.									-	
		Medium-grained, dark green to black rock with round amygdules of quartz and phenocrysts of plagioclase. It is predominantly a quartz-plagioclase-hornblende schist. The rock is composed mainly of hornblende replaced in part by chlorite. Trace amounts of pyrite.										
		The quartz-plagioclase-hornblende schist becomes gradually lighter in colour as quartz and feldspar increase the felsic proportion of the rock. Hornblende is the main constituent with										

NAME	OF	PROPERTY	: M	atthews To	ownship Ont	ario	
HOLE	Na:		W-4	LENGTH:	300'		
LOCAT	ION	43+9	7W 2	4+82S			
LATIT	JDE	I		DEPARTURE	:		
ELEVA	TION	4 :		_ AZIMUTH: _	178 ⁰	_ DIP : _	45 ⁰
				FINISHED :		_	

FOOTAGE	DIR	HTUMISA	FOOTAGE	DIR	AZIMUTH
				-	
	 		<u> </u>		

HOLE No.: W-4 SHEET No.: 14

REMARKS:

F 0 0 1	AGE				SAMP	LE				3 3 A	Y 3	
FROM	то	, DESCRIPTION	No.	% sulphides	FROM	FOOTAGE	TOTAL	%	%	Oz /ton	Oz/ton	
· · · · · · · · · · · · · · · · · · ·		70% by volu a of the rock instead of 80%, which				, io	10.25			Au		
		was the usual proportion of hornblende. 227.4 to 235.5				5 1 1 1						
		The rock shows a relative segregation of minerals and is partly gneissic.										
		234.75 to 235.2										
		Altered zone. Epidote is the main constituent with 50% by volume of the rock, quartz, calcite and hornblende make-up the remainder with 25%, 10% and 15% respectively.										
		<pre>1% of disseminated, wee-formed pyrite as an accessory mineral.</pre>										
		235 5 to 237.25 BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS										
		Biotite rarely exceeds 2% by volume of the rock.										
		Unmineralized.										
		237.25 to 238.25										
		Here the quartz-plagioclase-hornblende schist has approximately 5% of epidote and partly chloritized.										

NAME OF	PROPERTY :	Matthews Tow	nship Or	tario
HOLE Na:	W-4	LENGTH :	300	
LOCATION	42.071	24+82S		
LATITUDE	·	DEPARTURE	:	
ELEVATION	l =	AZIMUTH: _	1780	DIR: 45°
eTARTER :	August 25,	1984 INISHED		

DIR	HTUMISA	FOOTAGE	DIR	AZIMUTH
				<u> </u>
ļ		<u> </u>	_	
	DIR	DIR AZIMUTH	DIR AZIMUTH FOOTAGE	DIR AZIMUTH FOOTAGE DIR

HOLE No. : W-4 SHEET No. : 15
REMARKS:

F 0 0 1	TAGE				S A M P	LE				3 3 A	Y 5	
	ТО	D É S C R I P T I O N		**		FOOTAGE		1	1 %		Oz /ton	
FROM	10		· No.	sylphidus	FROM	TO	TOTAL	%	7.	Oz /ton	02/100	
		1% of disseminated pyrite. Often associated with epidote.								A.		
		238.25 to 240.25 HORNBLENDE-QUARTZ-FELDSPAR GNEISS										
		Biotite is not present. The rock is medium- grained rock of greenish grey color with some pink feldspar grains. Epidote occurs as an accessory mineral.									-	
		1% of disseminated pyrit€										
		240.25 to 242.0 AMYGDALOIDAL LAVA										
		Trace amounts of pyrite as an accessory mineral.										
		266.7 to 267.4 GRANODIORITE										
		Fine-to-medium-grained, light grey rock. Occurs as vein in the quartz-plagioclase-hornblende schist.										
		Trace amounts of very fine pyrite.										
269.6	274.0	BIOTITE GRANODIORITE GNEISS										
		Medium-grained, light grey rock with narrow inclusions of quartz-plagioclase-hornblende solist. The rock has sometimes an augen-type structure but more commonly a lepidoblastic structure.										

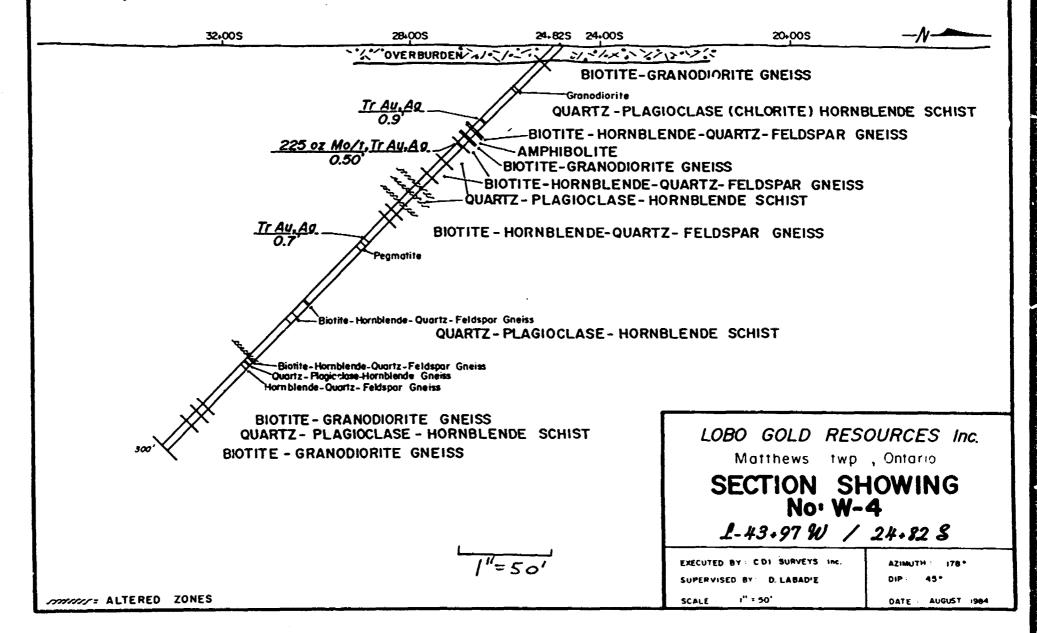
NAME OF	PROPERTY :	Matthews Towns	hip Ontar	io	
HOLE Na:	<u>W-4</u>	LENGTH :	300'		
LOCATION :	43+97W	24+825			
LATITUDE :		DEPARTURE	:		
ELEVATION	:	AZIMUTH:	178 ⁰	DIR :	45 ⁰
		5, 1984 FINISHED :			

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
	}				
	1				

HOLE No.: W-4 SHEET No.: 16
REMARKS:

F 0 0 1	TAGE		ı		5 A M P	LE		1		3 3 A 1	7 S	
FROM	то	DESCRIPTION	No.	*/o	FROM	FOOTAGE	TOTAL	%	%	Oz /Ton	Oz/ten	
274 0	281.75	Unmineralized. QUARTZ-PLAGIOCLASE-HORNBLENDE SCHIST								A y		
		The rock is highly intruded by distorted granodioritic material. Biotite makes up from 25 to 40% of the rock and is formed instead of hornblende. Chlorite occurs as an alteration product of biotite. The rock has a mottled effect by the granodioritic material. Trace amounts of pyrite.										
81.7	300.0	The rock has approximately 20% of inclusions which consist to the quartz-plagioclase-hornblende schist. Both lepidoblastic and augen-type structure have been noted. This rock is a gneissic equivalent of the granodiorite. Trace amounts of disseminated pyrite.										
	300.0	END OF HOLE										

L-43-90 W



NAME OF PROPERTY: Matthews Township Ontario

HOLE No.: W-10 LENGTH: 150'

LOCATION: 16+72W 0+78S

LATITUDE: DEPARTURE:

ELEVATION: AZIMUTH: 50° DIP: 45°

STARTED: August 25, 1984FINISHED:

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
			÷		

HOLE No. : W-10 SHEET No. : 1

REMARKS:_

773873 70' 773873 70' 1235 60' 1235 20' 4 875 20'

												
F 0 0 1	TAGE	D E S C R I P T I O N			SAMP	LE	<u></u>			5 5 A	' \$	
FROM	то		No.	% suiphides	FROM	FOOTAGE	TOTAL	%	%	Oz /ten	Oz/ton	
0	50.0						137.13			_Au		_
-		OVERBURDEN										
50.0	134.0	Massive medium-grained pink to pinkish grey rock. Granite grains range in size from 1/10 inch to 3/8 inch with the average diameter being 1/8 inch Pink to red potassium, feldspar is the main mineral making up approximately 40 to 50% of the rock, quartz and plagioclase making up 25% and 15% respectively. Epidote, chlorite and hornblende becom locally important, varying from 10% to 20% by volume of the rock. Reddening of the granite is common along the fracture planes. The red colour is due to the hematization of the feldspars. Trace amounts of pyrite and magnetite as accessory minerals. 59.0 to 60.0 Altered zone where the rock has an earthy aspect.									•	
		All ferromagnesian mineral tend to weather out, leaving pale-green coloured cavities on the surface. In some places, feldspar has been										
,		saussuritized and sericitized. Minor amounts of calcite have been noted. This assemblage of chlorite, saussurite, sericite, hematite and										
		•										

NAME OF PE	OPERTY : _	Matthews Towns	ship Ontario)	
HOLE Na: _	W-10	LENGTH :	150'		
LOCATION : _					
LATITUDE : _		DEPARTURE :			
ELEVATION :		AZIMUTH:	50 [©] t)IP :	450
	Anguet 2	5 100/2000			

FOOTAGE	910	AZIMUTH	FOOTAGE	OIR	HTUMISA
					

HOLE No.: W-10 SHEET No.: 2

REMARKS:

001	AGE				3 A M P	LE			4	1 5 5 A 1	r s
FROM	ROM TO	DESCRIPTION	No.	% swiphides	FROM	FOOTAGE	TOTAL	%	7%	Oz /ten	Oz/ton
		Unmineralized.								Au	
		71.25 to 72.25 75.0 to 80.0									:
		The rock has approximately 40% by volume of quartz-plagioclase-hornblende schist partly assimilated by granite. This hornblende schist is partially feldspathized. The rock has a light pinkish grey colour. The composition of the granite is more mafic. Chlorite occurs as an alteration product of hornblende in some places. The remnant of the schist are recognizable only by a more hornblende-rich zone in the granite.									
		Unmineralized. 95.1 to 97.1 MYLONITIZED FAULT PLANE									
		Highly altered zone with an argillaceous aspect and where granite and quartz-plagioclase-hornblende schist are intimaly admixed. From 95.0 to 95.5 ' the rock is crumbly and gives way to a mylonite, which is a reddish brown rock, with black and reddish white angular fragments cemented by argillaceous material. These fragments are severely crushed and distorted. This mylonite is a fault gouge. It is formed only on the fault plane.									

NAME OF PROPERTY: Matthews Township Ontario

HOLE No: W-10 LENGTH: 150'

LOCATION: 16+72W 0+78S

LATITUDE: DEPARTURE:

ELEVATION: AZIMUTH: 50° DIP: 45°

STARTED: AUGUST 25, 1984 FINISHED:

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIR	HTUMIZA
				<u> </u>	
·	·				

HOLE No.: W-10 SHEET No.: 3

r 0 0 1	O T A G E O E S C R I P T I O N		<u> </u>		S A M P				^	3 5 A 1	, s	
FROM	TO		No.	% oulphidee	FROM	FOOTAGE	TOTAL	%	%	Oz /108	Oz/ton	
		100.3 to 105.25 GRANITE								Au		
		With partially assimilated quartz-plagioclase- hornblende schist, in which the foliation is sometimes apparent.									·	
		Unmineralized.										
		109.0 to 134.0										
		The granite has numerous fracture zones in which the rock is gravelly.										
134.0	142.9	MYLONITIZED FAULT ZONE										
		This zone is altered and the rock is severely crushed. Only the coarse black fragments could be recognizable as hornblende schist or amphibolite. The fragments are cemented by an argillaceous material which is the main constituent of this mylonite.										
		Unmineralized.										
142.9	150.0	AMPHIBOLITE										
		The rock was originally an amphibolite. Hornblende is completely replaced by chlorite, and plagioclase by sericite, making up 85% and 15% of the rock respectively. It is a fine-to										

NAME OF PROPERTY :	Matthews Town	ship On	tario		_
HOLE No.: W-10	LENGTH :	150'			_
LOCATION : 16+72W	0+78S				_
LATITUDE	DEPARTURE :				_
ELEVATION :	AZIMUTH:	50	DIP : _	45	_
STARTED : August 25.	1984 FINISHED : _				

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH

HOLE No. : W-10 SHEET No. : 4

REMARKS:

F O O 1	DESCRIPTION				S A M P	LΕ			A	3 5 A 1	rs
FROM	то	DESCRIPTION	No.	% selphides	FROM	FOOTAGE	TOTAL	%	%	Oz /ten	Oz/ton
		medium-grained, dark green rock with many fractures.								Au	
		Trace amounts of disseminated pyrite.	ı								.
	150.0	END OF HOLE									
			Account the Park of the Park of								

L-16.72 W

4.005 8+00N Quartz - Plagioclase - Hornblende - Schist- Granite GRANITE **AMPHIBOLITE**

LOBO GOLD RESOURCES Inc.

Matthews twp , Ontario

SECTION SHOWING No. W-10

1-16.72 W / 0.78 S

EXECUTED BY: CDI SURVEYS Inc. SUPERVISED BY D. LABADIE

AZIMUTH 050° 45*

MINIS ALTERED ZONES

SCALE 1" : 50"

DATE SUGIST IGHA

NAME OF	PROPERTY:	Matthews Town	ship Ontar	io	
HOLE No.:	W-10B	LENGTH :	241'		
LOCATION :	4+00W	16+20S			
LATITUDE :		DEPARTUR	E :		
ELEVATION	:	DEPARTUR AZIMUTH:	360°	DIP: 450	
STARTED :	August 25	1984 FINISHED	:		

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIP	AZIMUTH
	-			}	
				-	

-	FOOTAGE												
L	FOOT	AGE	DESCRIPTION	Ĺ		5 A M				<u> </u>	3 3 A Y	5	
Γ	FROM	TO		No.	% sulphides	FF JM	FOOTAGE	TOTAL	%	%	Oz /108	Oz/ton	
	0	85.0	OVERBURDEN								Au		
	٠ ا	05.0	OVERBURDEN						i				
	85.0	231.25	BIOTITE GRANODIORITE GNEISS										
			The rock is light grey to pinkish grey. It has a lepidoblastic structure, rarely an augen-type structure. The rock has numerous inclusions of quartz-plagioclase-hornblende schist with gradational contacts. In these inclusions biotite is important. This gneiss has numerous zones of fracture with epidote, talc, chlorite and traces of calcite, mainly from 97.25 to 115.75'. Trace amounts of disseminated pyrite.										
			149.5 to 152.0 PEGMATITE 189.25 to 192.0										
			<pre>1% of pyrite and magnetite in a small inclusion, 1/2 inch thick, of quartz-plagioclase-hornblende schist.</pre>										
2	31.25	241.0	FAULT ZONE										
			With argillaceous material and crosso ing veinlets of calcite. The room is completely altered and has a reddish brown colour.										
L				L	<u> </u>		<u> </u>						

NAME OF PROPERTY :	Matthews Township Ontario
	LENGTH : 241'
LOCATION : 4+00W	
LATITUDE :	DEPARTURE :
ELEVATION :	DEPARTURE :
	, 1984 FINISHED:

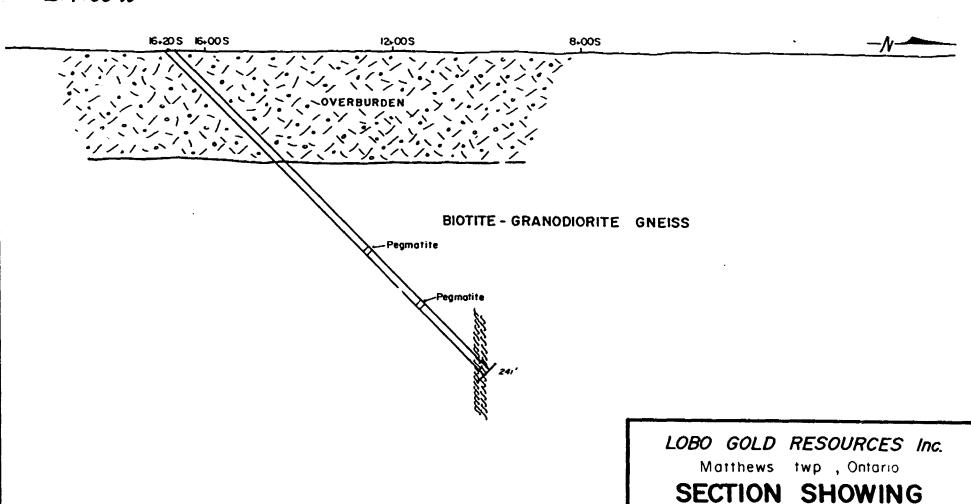
FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
	-				

HOLE No.: W-10B SHEET No.:

Land Shoki

FOOTAGE		. DESCRIPTION.			SAMP				<u> </u>	. 3 3 A 1	7 5	
FROM TO		DESCRIPTION.	No.	% swiphidee	FROM	FOOTAGE TO	TOTAL	%	%	Oz /108	0z/108	
		Feldspars are hematized and sericitized. All the zone is highly crumbly. The rock gives way to a claystone.								Av		
	241.0	Unm.neralized. END OF HOLE.										

1.4.00 W



SECTION SHOWING No. W-10 B

1-4.00 W / 16.20 S

EXECUTED BY COI SURVEYS INC. SUPERVISED BY D. LABADIE

SCALE

DATE AUGUST -984

ALTERED ZONES

W-10 0 1-773873V, 2-773874V, 3-773875V 4-713877

= 1-773872 2-773873 3-773877/ ONE Claim W-10B 0

W-4

2.713867/ ONE daim. 3.713810

See unper provided with with

NAME OF PROPERTY:	Matthews Townsh	nip Ontario	
HOLE Na: W-25	LENGTH :	300'	
LOCATION : 8+50E			-
LATITUDE :	DEPARTURE :		
LATITUDE :	AZIMUTH:	1650	DIP: 45
August 25			· -

FOOTAGE	 	FOCTAGE	DIR	AZIMUTH

HOLE No.: W-25 SHEET No.: 1

REMARKS: 773880 (66)

F 0 0	OOTAGE SAMPLE DESCRIPTION						. 5 5 A 1	r s				
FROM TO		DESCRIPTION	No.	% swiphides	FROM	FOOTAGE	TOTAL	%	%	Oz /ten	Oz/ton	
0	20.0	OVERBURDEN								Au		
20.0	39.25	QUARTZ-PLAGIOCLASE-HORNBLENDE SCHIST										
39.25	58.0	Medium-grained, dark green rock containing approximately 5% of crosscutting veinlets of quartz. The rock is composed mainly of hornblende making up 80 to 90% by volume of the rock, plagioclase being the remainder and rarely exceeds 15% of the rock. Chlorite is present as an alteration product of hornblende. Trace amounts of disseminated pyrite. BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS										
		Fine-to medium-grained rock of greenish grey colour. The average grain diameter is 1/10 inch. The rock contains hornblende ranging from 15% to 25% by volume, biotite 5% to 10%, quartz 25%, and feldspar 55%. This gneiss has a gradational contact with the hornblende schist.										
		Unmineralized.										

NAME	OF	PROPERTY :	<u>Matthews To</u>	<u>wnshio Onta</u>	rio		
HOLE	Na:	W-25	LENGTH	300'			
			14+50 N				
LATIT	UDE	:	DEPART	URE :			
ELEV	1017	4 :	DEPARTI	H:165	DIP: :	450	

STARTED : August 25, 1984 FINISHED : _____

l'DOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
	†				

HOLE No.: W-25 SHEET No.: 2

REMARKS:

F001	TAGE				SAM P	LE			A	5 5 A 1	' 5	
FROM	то	OESCRIPT.10 N	No.	oviphides		FOOTAGE	Y = ==	%	%	Oz /ton	Oz/ton	
		39.5 to 39.75 41.1 to 42.0 45.75 to 46.5 Presence of inclusions, with gradational contacts of amphibolite and quartz-plagioclase-hornblende schist in the biotite-hornblende-quartz-feldspar			FROM	TO	TOTAL			Au		
58.0	82.0	Unmineralized. BIOTITE GRANODIORITE GNEISS With partly assimilated inclusions of hornblende schist. Hornblende is locally replaced by biotite. The granodiorite is a medium-grained, light grey rock with a lepidoblastic structure, rarely with an augen-type structure. The main constituents of the rock are quartz, feldspar										
82.0	86.2	with a lesser amount of biotite and hornblende. Trace amounts of disseminated pyrite. HORNBLENDE SCHIST Fine-grained, dark green rock with some pink stains. The rock becomes cherty from 83.0', with some dark green angular fragments of chert, ranging from 1/4 inch to 1 inch in diameter.										

NAME	OF	PROPERTY :	Matth	ews Town	ship Onta	rio	
HOLE	No.	PROPERTY:		LENGTH:	300'		
LOCATI	ON	8+50E	14+ 50	N			
LATITU	JOE	£		DEPARTURE	·		
ELEVA	TIOI	N :		AZIMUTH:	165°	DIP : 450	
CTA DT	En .	August 2	5, 1984	EINICHEN .			

POOTAGE	DIE	AZIMUTH	FOOTAGE	DIR	AZIMUTH
<u> </u>	-			 	

HOLE No.: W-25 SHEET No.: 3

FOOTAGE		0.5.6.5.1.0.4	SAMPLE					ASSAYS						
FROM	To	DESCRIPTION		**		Mar.		FOOTAGE			%	0z /10m	02/108	
FROM	 '°-+			tviphides	FROM	ТО	TOTA.	<u>"</u>	 _			<u> </u>		
86.2	277.0	Here the rock is hard and has a conchoidal fracture. Chlorite replaces hornblende in large proportion. 5% of pyrite and trace amounts of chalcopyrite occuring as narrow stringers, 1/10 inch thick, these stringers are intermittent. BIOTITE GRANODIORITE GNEISS The augen-type structure is more prominent. The rock has some crosscutting veins of pegmatite and	11207	5	83.0	84.5'				traces	Ag traces			
		Trace amounts of disseminated pyrite as an accessory mineral. 98.4 to 98.5 103.0 to 103.25 Occurs as veins cutting the biotite granodiorite gneiss. The pegmatite grains have an average diameter of 1/4 inch. The rock is pink to cream white. Potassium feldspar is the main constituant making up 45% of the rock with quartz and plagioclase making up 30% and 25%. Unmineralized.												

NAME OF PROPE	RTY . Ma	itthe	ws Towns	hip Ontar	io	
HOLE Na: W_25			LENGTH :			
LOCATION :	8+50E	14+	50 N			
LATITUDE :			DEPARTURE	·		
ELEVATION :			AZIMUTH:	165 ⁰	DIF : 450	
STARTED : Augu	st 25,	1984	FINISHED :			

FOOTAGE	DIR	AZIMUTH	FOOTAGE	DIR	AZIMUTH
				 	
	 				

HOLE No.: W-25 SHEET No.: 4
REMARKS:

F 0 0 1	FOOTAGE				SAMP	LE		Γ		- SA	7 5	
l		DESCRIPTION		1%		FOOTAGE		-	Τ	T	- 	
FROM	то		No.	sulphides	FROM	TO	TOTAL	%	%	Oz /1en	Oz/ten	
								j		Av		
		152.7 to 155.5 APLITE										
	Aplite is a fine-grained, pink coloured rock. Its composition is that of a granite. Biotite makes up 10% of the rock. Aplite has a "sugar" texture.									÷		
		Unmineralized.										
		221.1 to 221.7 244.7 to 245.3 PEGMATITE										
		Unmineralized.										
277.0	300.0	BIOTITE-HORNBLENDE-QUARTZ-FELDSPAR GNEISS										
		The rock has a more mafic composition, containing 60% by volume of hornblende and biotite, replaced in part by chlorite. The rock has some crosscutting veinlets of calcite, partially weathered out.										
		Trace amounts of disseminated pyrite.										
		294.1 to 294.7 APLITE										
		Occurs as vein. It is a fine-grained, pink coloured rock. Its composition is predominantly granitic. Biotite makes up 10% of the rock. Quartz rarely exceeds 20%.										

NAME OF PROPERTY:	Matthews Township Ontario	
HOLE NOW-25	LENGTH +	
LOCATION : 8+50E	14+50 N	_
LATITUDE :	CEPARTURE :	_
ELEVATION :	AZIMUTH: 1650 DIP: 450	
STARTER August 25	5. 1984 FINISHED :	

FOOTAGE	DIR	HTUMISA	FOCTAGE	OIR	AZIMUTH

HOLE No. : W-25 SHEET No. : 5

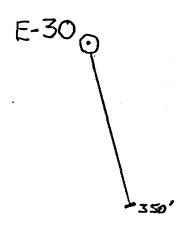
FOOTAGE								ASSAYS				
FROM	то	DESCRIPTION	No.	% swiphides	FROM	FOOTAGE TO	TOTAL	%	%	Oz /ton	Oz/ten	
										Av		
		Unmineralized.	1									
	300.0	END OF HOLE.										
											;	
			ı									
										1		
			1									
			ı									
			1									
						1						
						i İ						
]						
						1						
			1			[l	1	

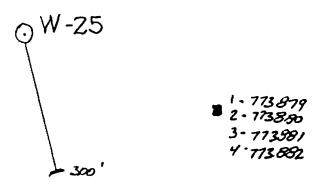
1-8+50 €

4+00 N 8400 N 12+00 N H-50N 16+00 N QUARTZ- PLAGIOCLASE- HORNBLENDE SCHIST Amphibolite-Biotite-Quartz-Plaglaciase-Hornblende-Feldspar Schist Gneiss BIOTITE - HORNBLENDE - QUARTZ - FELDSPAR GNEISS BIOTITE - GRANODIORITE GNEISS HORNBLENDE SCHIST Peamatite BIOTITE - GRANODIORITE GNEISS egmatite LOBO GOLD RESOURCES Inc. BIOTITE - HORNBLENDE - QUARTZ - FELDSPAR Matthews twp , Ontario GNEISS SECTION SHOWING No. W-25 1-8.50 & / 14.50 N EXECUTED BY: CDI SURVEYS Inc. AZIMUTH 165* 1"= 501 SUPERVISED BY DLABADIE DIP . 1" 1 50"

SCALE

AUGUST 1984





See maps provided with report.





LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE BOURLAMAQUE ASSAY LABORATORIES LTD.

C.D.I. Surveys Inc.	CERTIFICAT D'ANALYSES CERTIFICATE OF ANALYSIS
Annana I DAG	No. 41595
ECHANTILLONS SAMPLES COTE	VAL DOR, QUÉ, Sept. 10
RECUIDE RECEIVED FROM	AMALYSES 2 Au. 2 Ag. 1 Mo.

Echantillon	Au oz/ton	Ag oz/ton	Mo %
11201	Trace	Trace	0.225
11202	Trace	Trace	70

DIPULLULAR CALLANDER





LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE BOURLAMAQUE ASSAY LABORATORIES LTD.

C.D.I. Surveys Inc.	CERTIFICATE OF ANALYSIS
	No 41612
ECHANTILLONS SAMPLES TOCK	VAL DOR, QUÉ, Sept. 11 19.84
RECU DE RECEIVED FROM White River	ANALYSES 2 Au. 2 Ag. ASSAYS

Echantillon	Au oz/ton	Ag oz/ton
11206	Trace	Trace
11207	Trace	Trace







LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE BOURLAMAQUE ASSAY LABORATORIES LTD.

C.D.I. Surveys Inc.	CERTIFICATE OF ANALYSIS
ECHANTILLONS COTE SAMPLES RECU DE bus collect RECEIVED FROM	No 41641 VAL D'OR, QUÉ, Sept. 14 19.84 ANALYSES 1 Au. 1 Ag. ASSAYS 1 Au. 1 Ag.

Echantillon	Au oz/ton	Ag oz/ton	
11208	Trace	Trace	

ANALYSJE / ASSAYER

1 .0 .



53, rue Allard Val d'Or, Qué. J9P 2X9

Tél.; (819) 825-6263

September 17, 1984 Val d'Or, Québec.

Lobo Gold Resources Inc. Suite 402, 27, Queen St. East. Toronto, Ontario. M5c 2M6

INVOICE

Re: Diamond Drill Project in Matthews Township.

As per letter contract dated August 9, 1984.

Hole:	# E-30	350 ft.
	E-40	350 ft.
	E-52	288 ft.
	W-10-B	241 ft.
	W-44	300 ft.
	W-10	150 ft.
	W-25	300 ft.

Total:

t/1979 ft. a² \$350.00 = \$6,926.50

Advance Received:

-\$3,000.00

Balance due:

\$3,926.50

E. Ingham

Invoice # 00161

APPROVED FOR

Renoil Diamond Drilling Ltd.

Jorage à Diamant Benoit Ltee
1701. RUE DE L'HYDRO
PARC INDUSTRIEL
VAL D. OR DUEBEC JOP 4P4
TEC. 1819. 824 9107

Lobo Gold Resources Inc, Suite 402, 27, Queen Street East, Toronto, Ontario. INVOICE PACTURE Nº 2551

Date Septembre 18th, 198 4.

o FROM Io DU	TO A
	\$ 350 _# 00
	608.60
	5,850.00
	3,105.80
	5,850.00
	6,825.00
EOR	6,825.00
TROVED IT	5,616.00
APPRAYMENT	4,699.50
	APPROVED FOR

B

APPROVED BY APPROUVE PAR

10,000 00 osposit.

proser Duc

NE 22,771.30

Annexe 1,

Invoice: 2551,

August 22, 1984:

labour: 20 hours at \$19.10: 382.00 tractor rental: 6 hours at \$28.00: 168.00

August 23, 1984:

labour: 26 hours at \$19.10: 496.60

tractor rental: 4 hours at \$28.00: 112.00

Carl Land

\$ 1,158.60

Hole No. W-4, from Aug/25 to Aug/30, 1984.

Drilling in overburden:

from 0' to 12': 12 feet at \$19.50:

234.00

Drilling in bedrock:

from 12' to 300': 288 feet at \$19.50:

5,616.00

\$ 5,850.00

Annexe 2,

Hole No. W-10, from Aug/30 to Sept/1, 1984.

Invoice: 2551.

Drilling in overburden:

from 0' to 26': 26 feet at \$19.50:

507.00

Drilling in bedrock:

from 26' to 150': 124 feet at \$19.50:

2,418.00

Recovery of casing:

labour costs: 6 hours at \$19.10:

114.60

Mov 1.1g:

labour costs: 2 hours at \$19.10:

tractor rental: 1 hour at \$28.00:

38.20 ° 28.00

Server Not wer not (BECAUSE HOLE WAS

\$ 3,105.80

Hole No. W-25, from Sept/1 to Sept/4 1984:

Drilling in overburden:

from 0' to 12': 12 feet at \$19.50:

234.00

drilling in bedrock:

from 12' to 300': 288 feet at \$19.50:

5,616.00

\$ 5,850.00

Annexe 3, Hole No. W-32, from Sept/5 to Sept/8, 1984, Invoice: 2551.	
Drilling in overburden: from 0' to 20': 20 feet at \$19.50:	390.00
Drilling in bedrock: from 20' to 350': 330 feet at \$19.50:	6,435.00
	\$ 6.825.00
Hole No. E-40, from sept/8 to sept/10, 1984:	
Drilling in overburden: from 0' to 28': 28 feet at \$19.50:	546.00
Drilling in bedrock: from 28' to 350': 322 feet at \$19.50:	6,279.00
	\$ 6,825.00
Hole No. E-52, from Sept/11 to Sept/13, 1984: Drilling in overburden:	
from 0' to 10': 10 feet at \$19.50:	195.00
Drilling in bedrock: from 10 to 288: 278 feet at \$19.50:	5,421.00
	\$ 5,616.00
from 10 to 288: 278 feet at \$19.50:	

\$ 4,699.50

Ontario

Ministry of Natural Resources

Name and Fostal Address of Recorded Holder

Report of Work

LOBO GOLD & RESOURCES INC.

#107-85

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 Expenditures)".

Prospector's Licence No.

T-1669

Mining Act

SUITE 500-67 RICHMOND STREET WEST, TORONTO, ONTARIO, M5H 1Z5

Summary of Work Performance and Distribution of Credits Total Work Days Cr. claimed Work Days Cr Mining Claim Mining Claim Mining Claim Number Work Days Cr. Wor . Days L 1.979 Profix Number Prefix Prefix for Performance of the following work. (Check one only) SSM 773866 85 SSM 773874 70 773882 70 70 773883 773867 85 70 773875 Manual Work 773868 70 70 773884 70 Shaft Sinking Drifting or other Lateral Work. 713876 70 Compressed Air, other Power driven or mechanical equip. 773869 773877 70 773885 70 773870 80 70 773886 70 773878 Power Stripping 773871 85 773887 70 773879 70 Dismond or other Core drilling 80 70 70 773872 773880 773888 برو در او Land Survey 773873 70 773881 70 773889 94 886-

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

887~

877, 879;

880%

881,

MATTHEWS TWP.

882, 884,

Required Information eg: type of equipment Names As Communes (RISSE Table Below)

SSM

ASSESSMENT FILES RESEARCH CEFICE

773873;

Benoit Diamond Drilling Ltd. 1701 rue De L'Hydro

Parc Industriel, Val d'Or, Québec. J9P 4P4

JUL 0 4 1985

RECEIVED

C.D.I. Surveys Inc. 53 rue Allard, Val d'Or, Québec. J9P 2X9

-mailed June 19/85.

S. S. MARIE MINING DIV. JUN 24 1985 C

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 Parson Cartifying

Z. Ingham, 53 rue Allard,

Val d'Or, Québec. J9P 2X9

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work			
Sheft Sinking, Drifting or other Lateral Work	Nil	Names and addresses of men who performed manual work/operated aquipment, 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.
Compressed air, other power driven or mechanical equip.	Type of equipment	With dates and hours of amployment.	
Power Stripping	Type of equipment and smount 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.	Nil	NII

773863 file SSM 00

DRILL HOLE NO.	CLAIM NO.	LENGTH
₩-25	773880/ 773879/	160' ,140'
~W-4	773867₊	300'
W-10B	773877✓	241'
W-10	773873√ 773874√ 773875√	70' 60' 20'
·E-30	773880′	350'
∠E-40	773886	350'
, E-52	773887 7	288' . 1974'

LOBO GOLD & RESOURCES INC.

Report of work-continued

SSM 773890 70 days 773891 70 days 773892 70 days

SEE	ACCOMPANYING	9
MAP (5)	IDENTIFIED	AS
MA	TTHEWS- 0013, #1,2	2

LOCATED IN THE MAP CHANNEL IN THE FOLLOWING SEQUENCE (X)

