

DIAMOND DRILLING



52M01SW0015 41 BALL TWP

010

TOWNSHIP: BALL

REPORT NO.: 41

WORK PERFORMED BY: Minorex Ltd.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
KRL 502935	TB-81-9	425.0	Aug/81	(1)

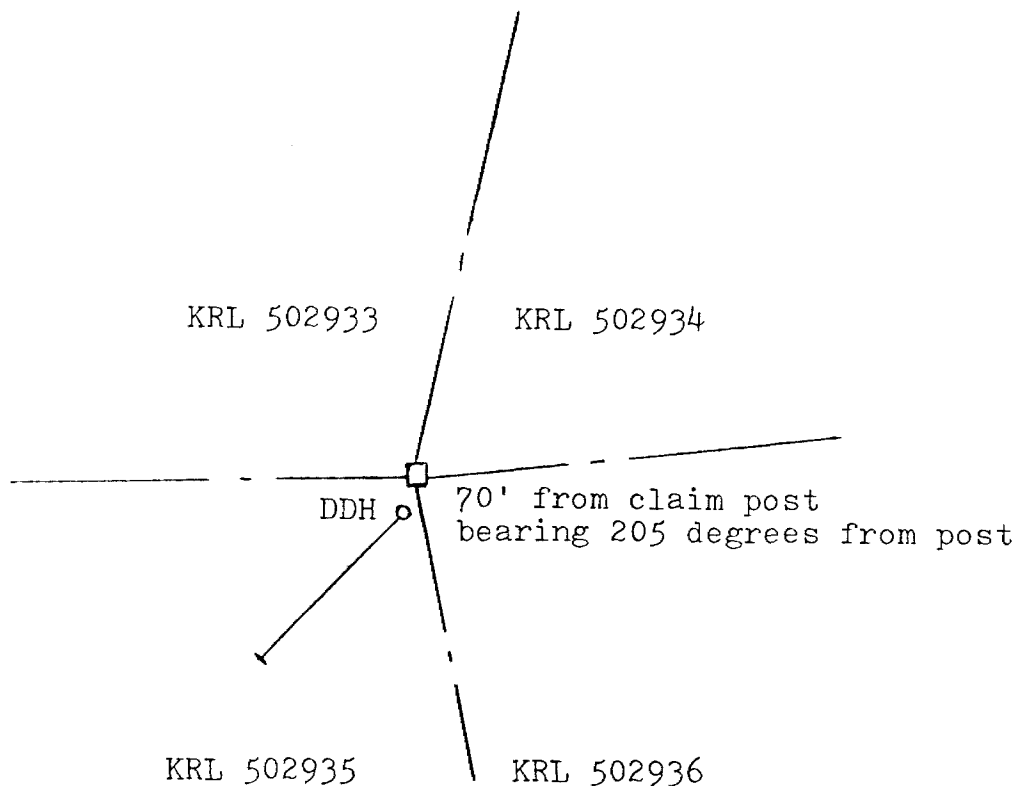
NOTES: (1) #124-81

# SOCIÉTÉ MINOREX LIMITÉE

(SUBSIDIARE DE LA SOCIÉTÉ ASBESTOS LIMITÉE)

THETFORD MINES, QUÉ.  
CANADA

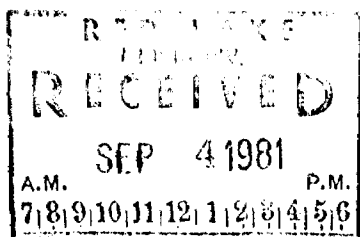
NORTH



## LOCATION MAP

Scale : 1"=300'

Diamond Drill Hole: TB-81-9  
Started : 31 August 1981  
Finished : 3 September 1981  
Dip : -45 degrees  
Azimuth : 225 degrees true  
Depth : 425 feet  
Latitude : 5 + 75 South  
Departure : 8 + 00 West  
Drilled by : St. Lambert Diamond Drilling Ltd.  
Logged by : Keith Peden, Minorex Limited

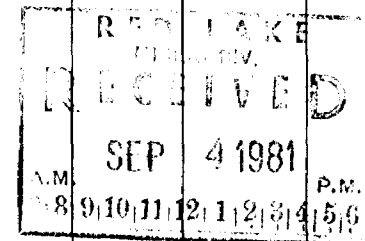


**DIAMOND DRILL RECORD**

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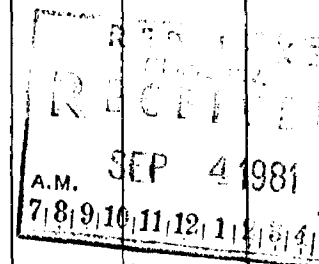
NAME OF PROPERTY TROUT BAYHOLE NO. TB - 81 - 9 SF

FOOTAGE		DESCRIPTION	SAMPLE		
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL
0	12	<u>CASING</u>			
12	18.3	<u>INTERMEDIATE TO MAFIC METAVOLCANICS</u> dark green, fine to medium grained, massive, anhedral granular, quite hard but looks like andesite no carbonate alteration, some leached vugs minor fracturing @ 10 and 38 degrees to C/A non magnetic			
18.3	26.3	<u>BANDED IRON FORMATION</u> beds of mt up to 5mm, 30% of rock interbeds of sericitic & weakly chloritic felsic material bedding @ 68 degrees to C/A some contorted and kinked beds small sections of sulphide facies(py) in a mafic matrix from 24.1 - 24.6 and 26.0 - 26.3	2249	10py	24.4 24.5 0.1
26.3	73.0	<u>INTERMEDIATE TO MAFIC METAVOLCANICS</u> As Above some sections appear variolitic more chloritic alteration but still weak up to 1% po over several cm as blebs and stringer/veinlets trace cp assoc. with po sulphides are assoc. with intense chlorite alteration trace py as dissems & without alteration no carbonate alteration, infrequent barren qtz blobs large QV from 72.0 to 72.6 - no sulphides or alteration	2250	10po	38.4 39.0 0.6



**DIAMOND DRILL RECORD**

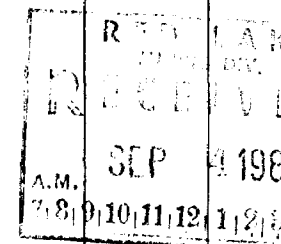
FOOTAGE		DESCRIPTION	SAMPLE				
FROM	TO		NO.	% SULPH IDES	FOOTAGE		
					FROM	TO	TOTAL
73.0	73.8	<u>IRON FORMATION</u> as above bedded @ 75 degrees to C/A trace secondary pyrite veining, weak carbonate veining chlorite alteration in the andesite diminishes away from the IF	2251	1py	73.0	73.8	0.8
73.8	85.5	<u>ANDESITE/GABBRO</u> similar to the above but possibly intrusive cg near the centre and fining outwards lower contact seem to truncate the bedding of the IF local weak carbonate alteration	2252	1po 1cp	84.0	84.3	0.3
85.5	87.8	<u>IRON FORMATION</u> as above , bedded @ 75 degrees to the C/A with inter- bedded chloritic material.					
87.8	105.1	<u>INTERMEDIATE METAVOLCANICS</u> rock slowly takes on a more siliceous grey appearance more in keeping with its hardness, cg to mg becomes very chloritic near contact with IF.					
105.1	107.3	<u>IRON FORMATION</u> as above					
107.3	120.0	<u>INTERMEDIATE METAVOLCANICS</u> as above but greener in colour					
120.0	154.0	<u>IRON FORMATION</u> magnetite is only 20% of rock lower part is quite distorted and interbedded felsic material is a yellow grey fibrous mineral with acicular crystals, bedding @ 64 degrees to C/A trace carbonate alteration, some cp fracture fillings					



**DIAMOND DRILL RECORD**NAME OF PROPERTY TROUT BAYHOLE NO. TB - 81 - 9 SF

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FOOTAGE		DESCRIPTION	SAMPLE				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		
					FROM	TO	TOTAL
154.0	176.1	also po veining with assoc. chlorite and qtz	2253	5po	120.9	121.8	0.9
		locally some garnetiferous zones, small QV with trace sulphides @ 138.7 - 139.3	2254	-	138.7	139.3	0.6
		considerable interbedded primary py, up to 5% locally changes from oxide facies to sulphide facies frequently?	2255	5py	145.4	145.6	0.2
		up to 5% bedded py at lower contact-irregular <sup>&amp;</sup> chloritic	2256	5py	153.5	154.3	0.8
176.1	200.0	<u>PORPHYRITIC ANDESITE/GABBRO</u> grey, mg - cg, granular, massive, homogenous matrix with up to 3% white subhedral plagioclase phenocrysts (less than 6mm) and up to 1% blue anhedral qtz phenocrysts (less than 4 mm), no carbonate alteration, non magnetic small qtz carbonate fracture fillings less than 1 / foot small (less than 2 cm) qtz veins @ 164.3 167.0 169.0 - 2% py 173.1	2257	2py	168.9	169.4	0.5
		<u>INTERMEDIATE METAVOLCANICS</u> sharp upper contact @ 60 degrees to C/A grey-green, mg, granular, massive, quite hard, pervasive chlorite, quartz porphyritic as above but less than 1/2% no carbonate alteration, non magnetic, trace py on some fracture surfaces, gradational lower contact					
		<u>PORPHYRITIC ANDESITE/GABBRO</u> as previously described small (1 cm) QV @ 212.1 and 213.2					
200.0	216.6						



**DIAMOND DRILL RECORD**

FOOTAGE		DESCRIPTION	SAMPLE				
FROM	TO		NO.	% SULPH IDES	FOOTAGE		
					FROM	TO	TOTAL
216.6	318.9	<u>ARGILLITE/SANDSTONE</u> black to grey to green fg to vfg, beds up to 2 cm thick @ 75 to 85 degrees to C/A, some chloritic beds, magnetite, carbonate alteration 235.6 - 238.7 is disrupted with some qtz veining up to 1 cm chloritic and garnetiferous up to 4% py overall as beds, stringers blebs, veins & fracture fillings 8 cm barren QV @ 264.2 zone of 8% qtz-fsp "augen" looking clasts elongate to bedding, gradational contact into underlying unit from 317.4 to 318.9	2258	4py	235.6	238.7	3.1
			2259	-	263.9	264.7	0.8
			2260	5py	268.7	268.9	0.2
			2261	5py	270.0	270.2	0.2
			2262	-	270.5	270.7	0.2
			2263	5py	291.5	291.8	0.3
			2264	1py	295.0	295.2	0.2
			2265	-	295.7	296.0	0.3
318.9	366.3	<u>INTERMEDIATE METAVOLCANICS</u> grey, mg, massive to weakly foliated considerable fracturing & faulting(slickensides) py, po and carbonate appear on fracture surfaces as fillings, no carbonate alteration, non magnetic moderately siliceous & has a cherty fracture, becoming more chloritic past 345, fault breccia @ 364.3 - 364.6 trace py in fault and 3 small(3 cm) QV's below fault with trace py also gradational contact from 365.3 to 366.3	2266	-	364.3	364.6	0.3
			2267	-	364.9	365.4	0.5
366.3	405.0	<u>GRAPHITIC ARGILLITE/SANDSTONE</u> fg to vfg, grey to black, up to 1%py + po as beds, stringers & disseminations, no carbonate alteration fault breccia from 385.0 to 385.3 5 cm py veined @ 379.2 2 cm py veinlet @ 393.2	2268	2py	379.6	380.0	0.4
			2269	5py	392.0	393.2	0.8

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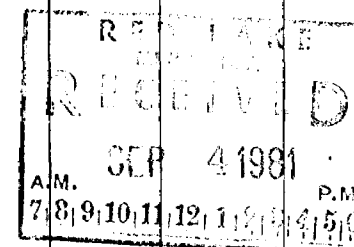
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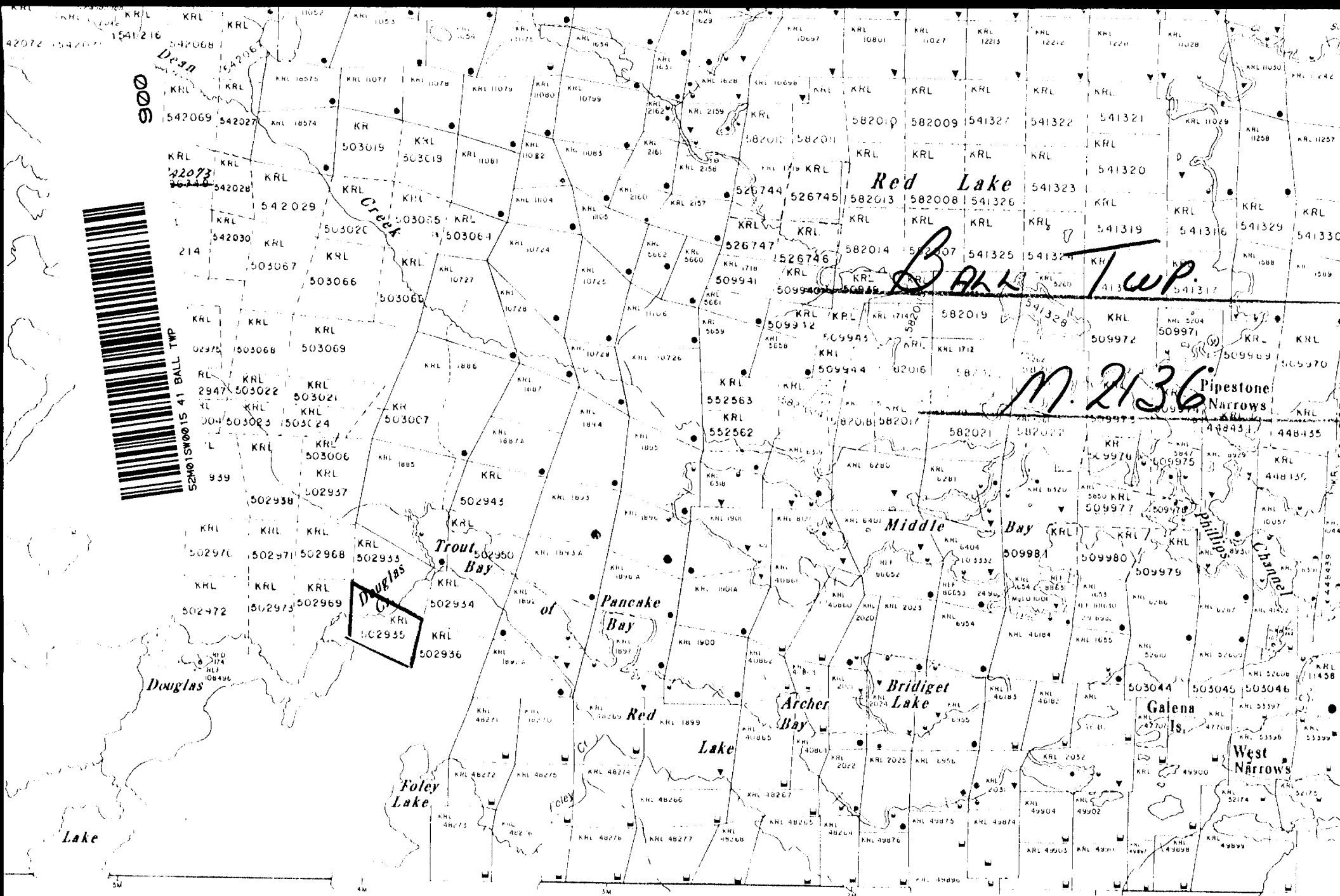
NAME OF PROPERTY TROUT BAYHOLE NO. TB - 81 - 9 SI

FOOTAGE		DESCRIPTION	SAMPLE				
FROM	TO		NO.	% SULPH IDES	FOOTAGE		TOTAL
					FROM	TO	
405.0	420.3	obscure contact with underlying unit <u>INTERMEDIATE TO MAFIC METAVOLCANICS</u> grey green, mg to cg, granular, massive, homogenous trace dissem interstitial po, weakly magnetic trace carbonate veining-less than 1 / foot, no carbonate alteration, lower contact is chloritic and disrupted with fracturing, 2% po & trace cp over 15 cm	2270	-	403.4	404.1	0.7
420.3	425.0	<u>ARGILLITE/SANDSTONE</u> fg, grey, bedded @ 60 degrees to C/A, micaceous, nil carbonate alteration, no magnetite or sulphides trace chlorite alteration E.O.H.	2271	2po	420.0	421.0	1.0
425.0							

*Kurt Peden*

Logged by K.Peden





MULCAHY