



42A06SE1899 12 LANGMUIR

010

Diamond Drilling

Township OF LANGMUIR

Report N^o: 12

Work performed by: Urban Quebec Mines Ltd.

Claim N ^o	Hole N ^o	Footage	Date	Note
P 76767	Q-1	143'	Dec/64	
	Q-3	103'	Dec/64	
	Q-4	225'	Dec/64	
	Q-5	244'	Jan/65	
	Q-6	510'	Jan/65	
	P 76766	Q-2	134'	Dec/64

Notes:

COMPANY NAME URBAN QUEBEC MINES LTD.
DIAMOND DRILL SUMMARY

LANGMOIR TWP. CLAIM P-76767, 775'S, 1'W, No. 1 Post - PORCUPINE MINING DIVISION

Core No. <u>Q-1</u>	Core Size <u>AXT</u>	Survey	Acid Test
Location <u>Claim P-76767</u>	Bearing <u>N 20° W</u>	Depth <u>135'</u>	Az. _____ Dip <u>45°</u>
Co-ordinates <u>0 + 25E, 0 + 75S</u>	Started <u>December 7, 1964</u>		
Elevation _____	Completed <u>December 9, 1964</u>		
Angle <u>- 45°</u>	Logged By <u>K. O'Connor</u>		

From	To	Length Feet	Analysis		Description
			Ni	Cu	
0	9.0				Casing
9.0	9.7				Qtz vein, vuggy, shear zone? boulder?
9.7	36.0				Serp. f.g. bl-gy to gr-bk. wkly magnetic. qtz-carb strcs num. massive. occ carb-talc alt'n.
36.0	45.5	9.5	0.30		Serp. as above, less than 1% f g diss po & py, 3 - 5% sulps 42.6 - 44.0.
45.5	54.5	9.0	0.26		Serp. as above, much less than 1% f g diss po & py.
54.5	56.0	1.5	0.99	0.09	Serp. highly alt'd to carb-talc-silic-chlor, 3 - 5% po py & cpy as f to mg diss and strcs.
56.0	118.0				Rhy. v g f, silic, blue gy, mass - occ bx, mottled at lower ct.
118.0	122.0				Gb?, f.g. slty sch, alt'd, possibly basic volc or dike.
122.0	127.0	5.0	0.05		Gb? m - cg, bl-gy, felted texture alt'd pyrox & felds, wkly sch at 45° v wkly mag, 1 - 2% f g diss po & py.
127.0	129.0				Lamp, f.g. br-bk, abundant bio, sharp cts, possibly part of above two units, similar texture.
129.0	136.0				Rhy. v f g - f g, porph. lt gy, mass, cts show baking? possible aplite dike.
136.0	143.0	7.0	0.10		Serp. dk bl-bk, f.g., mass, wkly mag., num qtz-carb strcs at low L's, upper ct. shr'd with talc dev, generally much less than 1% f g sulps.
143.0					END OF HOLE

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-1

Page 1 of 4

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
0.	9.0		99% +				<u>CASING</u> , later reamed to 11.0'
9.0			"				<u>Qtz vein</u> , possibly a boulder but looks like a shear zone, leached & vuggy, includes carb., epidote and nr zones of f. g. dk biotite.
	9.7						
9.7			"				<u>Serp.</u> f. g., blue-gy, sltly shr'd at ct, with above, abund- and carb & talc alt'n & numerous carb. str, nr shr zone at 15.0' non magnetic.
	15.0						
15.0			"				<u>Serp.</u> v. f. g., green-bk, mass., wkly magnetic, occ. carb & qtz-carb-serp str at med to low L's, occ v f g diss sulps much less than 1% sometimes increasing to 1 - 2 % over 1/2 - 1".
	36.0						
36.0		9.5'		304	0.30		<u>Serp.</u> , as above, 3 - 5% sulps at 42.6 - 44.0' po & py f g diss - m g blebs in zone of more intense carb alt'n, gen- less than 1 % sulps otherwise, dimethyl - ive.
	45.5						

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-1

Page 2 of 4

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
45.5		9.0'		305	0.26		<u>Serp.</u> , as above, much less than 1 % f. g. diss po & py.
	54.5						occ blebs po with py cores, dimethyl - ive.
54.5		1.5'		306	0.99	0.09	<u>Serp.</u> , highly alt'd. carb'd. talcose, sltly bx. silic &
							chlor, 3 - 5 % po & py as f g diss. m g blebs & tiny
							strs in qtz-carb veins, cpy visible in one vein. slt pink
							colour from dimethyl. zone shows ct effects with
	56.0						chryolite below.
56.0							<u>Rhyolite</u> , v. g. f., very silic, blue-gr-gy, slt'y alt'd to
							carb-chlor & seric., num nr qtz - carb strs & occ
							brownish zones probably indicate biotite, 1-1/2" chlor
							sch at ct with serp. shr'd at 65°, occ appears bx, shows
	105.0						concordal fracture.
105.0							<u>Rhy.</u> as above but mottled by dark spots in lighter matrix,
	118.0						either porph or amygd., alternating mottled to uniform

near lower ct.

COMPANY NAME URBAN QUEBEC MINES LIMITED

DIAMOND DRILL LOG

Hole No. Q-1

Page 3 of 4

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
118.0							<u>Gb?, f. g., blue gy. sch. dt'd with consid. hblde-chlor-</u>
	122.0						<u>bio. possible an alt'd basic volc or lamprophre dike.</u>
122.0		5.0		307	0.05		<u>Gb? m - cse g. blue gy. felted aggregate of alt'd</u>
							<u>pyrox & felds. wkly sch at 45°, wkly magnetic. 1 - 2%</u>
							<u>f g diss po & py. appears to be part of same unit as</u>
	127.0						<u>above.</u>
127.0							<u>Lamp f g. gy-br, consid bio, texture similar to above</u>
							<u>units but has sharp cts, possibly part of above 2 units</u>
	129.0						<u>although appears more like lamp. dike.</u>
129.0							<u>Rhy, vfg - fg. porph, lt gy, massive, sharp cts show</u>
							<u>(chilling) or baking & cherty with concoidal fracture, -</u>
	136.0						<u>possible aplite dike?</u>
136.0		7.0		308	0.10		<u>Serp., dk bl-bk, f. g., mass, wkly mag, num nr qtz-</u>
							<u>carb strs at predom low L's, generally much less than</u>

(continued.....)

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-2

Page 1 of 2

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
0.	7.0		99% +				<u>CASING</u> , later reamed to 8.0'.
7.0			"				<u>Serp</u> , f g - v f g, ck bl-gy, mass with occ nr sch. sections, num qtz-carb-serp strs at predom low L's, wkly magnetic, occ spk sulph.
	31.6						
31.6	41.6	10.0	"	309	0.18		<u>Serp</u> , as above, occ blebs po, less than 1% diss po & py.
41.6		5.0	"	310	0.14	0.37	<u>Serp</u> , strong carb alt'n, chlor, slty sch, occ blebs po & diss po & py, 5% diss po & py from 44.0 - 44.5 with vis cpy less than 1%.
	46.6						
46.6			"				<u>Rhy bx</u> , v f g, lt. bl-gy, hard, concoidal fracture, some frags could be injections of serp, or and frags nr qtz-carb strs num, after 55.0' more uniform looking.
	117.0						
117.0			"				<u>Gb?</u> , f. g., bl-gy, soft, alt'd to chlor-carb-talc, could be alt'd and., but looks similar to GB? in Q-1 1/2" mud seam at 119.5'
	120.0						

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-2

Page 2 of 2

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
120.0							<u>Rhy porph</u> , felds, 1 - 3 mm phenocrysts, matrix v f g, lt cream - purple, hard, massive, cts sltly shr'd & gradational.
	122.0						
122.0							<u>Andesite?</u> , possibly alt'd serp or gb, f. g., massive, uniform, non magnetic, med-dk gy, occ nr qtz-carb strs, sltly serp'd, slightly sch, qtz-carb str at 132.0' for 1-1/2" at 30° contains 2 - 3% po, py & spks cpy.
	134.0						
134.0							<u>END OF HOLE</u>

R. O'Connor B.A.Sc. P.Eng.

COMPANY NAME URBAN QUEBEC MINES LIMITED

DIAMOND DRILL LOG

Page 1 of 2

Hole No. Q-3

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
0.	5.0		99% +				CASING
5.0			"				Serp. v.f.g., mass, dk. gr-bk, magnetic, few carb- qtz strs, occ. sch, 1 - 2% vis magnetite, much less than 1% v f g diss sulps, lower ct strly carb'd with coarser grain size and dev of actinolite - tremolite.
17.5			"				Porphyry, felds, probably intrusive rhyolite, med gy, pheno 1 - 3 mm, subhedral, occ zoned, wkly sch with stks chlor-bio at 60°, occ chlor seams, acicular amph x'/s at lower ct.
30.5			"				Serp., f.g., dk gr-bk, mass, wkly mag, few carb- talc - serp strs, 1-1/2" chlor sch at upper ct, much less than 1% sulps in occ nr zones 1/4" or blebs, po predom.
42.0							

COMPANY NAME URBAN QUEB EC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-3

Page 2 of 2

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
42.0		5.0		311	0.39		Serp. as above, sltly courser gr, less than 1% sulps
	47.0						diss and blebs po & py.
47.0		2.0		312	0.26		Serp. as above 1 - 2 % f-mg diss po & py, occ blebs
	49.0						po, occ spks cpy.
49.0							Sch., chlor, lower serp ct, lt gr, fg, soft, non mag.
	50.0						occ spk sulps, fol at 65°
50.0							Rhy bx, lt gr-wh to gy-br, v.f.g., mass, hard, concolidal
							fracture, occ flow banding ie at 67' to 10°/core axis, occ
							spks & strks, po, py & cpy assoc with qtz-carb strs ie -
							63-6', almost no sulps after about 75', lower part
	103.0						looks more uniform than upper ct.
103.0							<u>END OF HOLE.</u>
							<i>K.O. Connor B.A.Sc. P. Eng.</i>

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL SUMMARY

LANGMUIR TWP. P-76767, 875'S, 1' W, of No. 1 Post.

Hole No. Q-4
 Location Claim P-76767
 Co-ordinates 0 + 50E, 1 + 50S
 Elevation _____
 Angle - 45°

Core Size AXT
 Bearing N 20° W
 Started December 14, 1964
 Completed December 17, 1964
 Logged By K. O'Connor & E. Tagseth

Survey _____ Acid Test _____
 Depth 225' Az. _____ Dip 43°

From	To	Length Feet	Analysis		Description
			N1		
0.	24.0	24.0			Casing
24.0	34.0	10.0			Rhy feld porph lgt - bl or gr; indisct pheno; sl fract.
34.0	38.0	4.0			Rhy. pole bl-gr; sl. red. sl. porph; chlor, minor py. cpy.
38.0	73.4	35.4			Gabbro, highly shear, serp. & chlor. bl-gr. c-gr. 62.0 - 64.6.
73.4	122.7	49.8			57.5 - 62.8: intermixed rhy; 64.6 - 67.8. lampro(?) fragmento (?) rhy pale gr. med gn.
122.7	142.0	19.3			Rhy. non-uniform. dk to light gy. bl-gr, brec.
142.0	146.0	4.0			Rhy. feld porp. fair. dist. pheno. shear at 60° - 70°.
146.0	155.5	9.5			Rhy & serp. intermixed.
146.0	151.0	5.0	0.13		Serp (pyrox) f gr. unif. mass. med. dk gy; 1% pyrrho.
155.5	161.5	6.0			Rhy. dk red brwn. sl. porph. barren.
161.5	166.5	5.0	0.17		
161.5	174.0	12.5			Serp like 146.0 - 155.0; 1% pyrrho.
174.0	179.0	5.0			Rhy. like 155.5 - 161.5, dk gray. some red-brown. sl. porph.
179.0	217.5	39.0			Rhy. dk gy. intermix serp. traces cpy py pyrrho.
217.5	225.0	7.0			Serp. fg to med. gm. dk gy to light bl-gy. sparse pyrrho.
217.5	219.5	2.0	0.03		217.5 - 218.0 with 2% - 3% pyrrho.
225.0					END OF HOLE

COMPANY NAME URBAN QUEBEC MINES LIMITED

DIAMOND DRILL LOG

Hole No. Q-4

LANC MUR TWP. CLAIM No. P76767
875'S, 1'W of No. 1 Post (0 + 50E) (1 + 50S)

Page 1 of 4

Azimuth = N20°W

Initial Dip = 45°, at 225' = 43°

From	To	Length Feet	Core Recovery	Sample No.	Analysis	Description
0.	24.0	24.0	--			<u>CASING</u>
24.0	34.0	10.0	95%			<u>Rhyolite Feldspar porphyry</u> , massive, abundant indistinct phenocrysts; light bluish or greenish gray; slightly fractured.
34.0	38.0	4.0				<u>Rhyolite</u> , pale bluish green to faintly reddish faintly porphyritic in parts; chloritic, may be some partly assimilated material of below (38.0 - 73.4); minor pyrite, chalcopyrite, along fine seams & disseminated.
38.0	73.4	35.4				<u>Gabbro</u> , highly sheared, serpentized and chloritized; sheared at 60° - 70° to core length; bluish green with black flecks to 50.0; coarser, brecciated <u>62.0 - 64.6;</u> <u>57.5 - 62.0;</u> intermixed with light-colored rhyolite. <u>64.6 - 67.8;</u> Lamprophyre (?) probably fragmental or tuffaceous rhyolite; pale greenish, medium-grained, with

continued.....

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-4

Page 2 of 4

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
38.0	CONTINUED***						fragments of reddish feldspar, crystalline pyrite scattered throughout; slightly sheared at 60° to core length.
73.4	122.7	49.3	95%				<u>Rhyolite</u> , non-uniform, dark to light gray, with many parts bluish-green, mottled in parts; brecciated in most parts; <u>101.5 - 108.4</u> ; Gabbro, same as 38.0 - 50.0, fairly dark gray, serpentized.
122.7	142.0	19.3	95%				<u>Rhyolite feldspar porphyry</u> , with scattered, fairly distinct phenocrysts; many shears and fractures at about 60° to core length; dark reddish brown to greenish in last two feet.
142.0	146.0	4.0					<u>Rhyolite and serpentine</u> , intermixed, mainly rhyolite.
146.0	155.5	9.5		(313) (146-15)	0.13		<u>Serpentine (pyroxenite)</u> , fairly fine-grained uniform, massive, medium dark gray; minor carbonate, minor

continued.....

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-4

From	To	Length Feet	Core Recovery	Sample No.	Analysis	Description
146.0	CONTINUED.....					magnetite; somewhat similar to 64.6 - 67.8, (lamprophyre); very finely disseminated pyrrhotite.
155.5	161.5	6.0				<u>Rhyolite</u> , dark reddish-brown. Faintly porphyritic quite abundant carbonate - or talc - filled fractures at 0° - 60° to core length; unmineralized.
161.5	174.0	12.5		314 (161.5-166.5)	0.17	<u>Serpentine</u> ; very similar to 146.0 - 155.0, but slightly coarser; greenish, talc or serpentine. Filled fractures at 45° to core length, fairly common; pyrite and pyrrhotite as in 146.0 to 155.0.
174.0	179.0	5.0				<u>Rhyolite</u> ; quite similar to 155.5 - 161.5, darker with some reddish-brown material; very faintly porphyritic; unmineralized.

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-4

Page 4 of 4

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
179.0	217.5	39.0					Rhyolite; fairly dark, to dark gray towards 217.5; several small parts with intermixed serpentine; talcose fractures common, at 30° - 80° to core length; rare small sections with trace amounts of chalcopyrite, pyrite, pyrrhotite.
217.5	225.0	7.0		315 (217.5-219.5)	0.03		Serpentine, fine to medium-grained; first 3-1/2' dark gray sheared at 80° to core; last 4' light bluish-gray, highly altered (minor carbonate), schistose, sparse disseminated and fine-fracture-fillings of pyrrhotite. 217.5 - 218.0: with 2 - 3% of pyrrhotite
225.0							<u>END OF HOLE</u> <i>Signed: E.A. Tappin</i>

COMPANY NAME URBAN QUEBEC MINES LTD.
DIAMOND DRILL SUMMARY

LANGMUIR TWP., CLAIM P-76767, 939' S, 39' W, of No. 1 Post

Core No. Q-5
 Location Claim No. P-76767
 Co-ordinates 0 + 12E, 2 + 14S
 Elevation _____
 Angle - 45°

Core Size AXT
 Bearing N 20° W
 Started January 5, 1965
 Completed January 12, 1965
 Logged By E. Tagseth

Survey _____
 Depth 200' Acid Test _____
 Az. _____ Dip 43°

From	To	Length Feet	Analysis		Description
			Ni		
0	16.0	16.0			Casing
16.0	19.9	3.9			Rhy. med. gg. hgly fract; shear., at 30° - 60°; sl. porph.
19.9	23.6	3.7			Gab. med. gr. med. dk-gy
23.6	29.0	5.4			Rhy. same as 16.0 - 19.9.
29.0	34.0	5.0			Rhy., porph. dk bl-gy. mass.
34.0	47.5	13.5			Rhy. dk-gy. shear. 75° - 85°; small porph. parts.
47.5	53.0	5.5			Transition. hgly shear. sectns of pure talc. serp., tr. pyrrho.
53.0	71.5	18.5			Serp. black. f.g. mass. magnetic.
71.5	87.0	15.5			Serp. dk gy. f.g. schist at 70° - 80°. strng. to weak mag.
71.5	80.0	8.5	0.27		2 - 3 % pyrrho in parts
80.0	82.0	2.0	0.32		
82.0	85.5	3.5	0.38		
85.5	88.4	2.9	0.28		
87.0	102.0	15.0			
88.4	95.0	6.6	0.23		Serp. as above, fair magnetite, schist at 80°
95.0	102.0	7.0	0.26		
102.0	105.0	3.0	0.24		
105.0	107.3	2.3	0.35		2% - 3% pyrrho.
107.3	111.0	3.7	0.30		
102.0	111.0	9.0			Transition, med. to light gy, wkly mag, tr. pyrrho, except 105.0 - 107.3.

COMPANY NAME BAN QUEEHC MINES LIMITED
DIAMOND DRILL LOG

Logged - E. Tagseth
 January 8, 1965.

Hole No. Q-5

Langmuir Twp. Claim No. P-76767, 214' S. of Base Line, 12'E. of Oto Page 1 of 4

Azimuth: N20°W
 Initial Dip: 45°; dip at 200' = 43°

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
0.0	16.0	16					<u>CASING: boulders of gabbro, like 19.9 - 23.6 and spherulitic rhyolite: reamed to 22'.</u>
16.0	19.9	3.9					<u>Rhyolite, medium-gray; highly fractured, and sheared at 30° - 60° to core length; slightly talcose; probably porphyritic, like 29.0 - 34.0, but obscured by shearing; unmineralized.</u>
199.9	23.6	3.7					<u>Gabbro, medium-grained, medium-dark gray, fairly fresh appearance; some talc-serpentine alteration, non-magnetic.</u>
23.6	29.0	5.4					<u>Rhyolite; very similar to 16.0 - 19.9, slightly less sheared and fractured; rare small, unsheared parts are distinctly porphyritic, as below; unmineralized.</u>
29.0	34.0	5.0	3.5				<u>Rhyolite, coarsely porphyritic, fairly dark bluish-gray; minor shearing and fracturing, unmineralized.</u>

29.0 - 31.0: blacky, broken-up; some pieces of gabbro, like 19.9 - 23.6.

COMPANY NAME URBAN QUEBEC MINES LIMITED

DIAMOND DRILL LOG

Hole No. Q-5

Page 2 of 4

From	To	Length Feet	Core Recovery.	Sample No.	Analysis		Description
					Ni.	Cu.	
34.0	47.5	13.5					<u>Rhyolite, fairly dark-gray, highly sheared at 75° - 85° to core length; talcose; small parts faintly porphyritic. as above. 29.0 - 34.0.</u>
47.5	53.0	5.5	4.7				<u>Transition zone; highly sheared, schistose; shearing at 80° - 90° to core length; highly altered, several sections, 5" - 12" wide of almost pure talc or serpentine; traces of pyrrhotite; 51.6 - 53.0; 1/2 of core lost, but remainder with large (up and to 3 mm dia) crystals of pyrrhotite (sample).</u>
53	71.5	18.5	100 %				<u>Serpentine, almost coal black, fairly fine-grained; some serpentine-filled fractures; massive; unmineralized; fairly magnetic throughout.</u>
				316 (71.5-80.0)	0.27		<u>50.2 - 50.6: unsheared, medium-grain, altered contact at /30° to core.</u>
				317 (80.0 - 82.0)	0.32		<u>67 - 69: 1' of core lost</u>
				318 (82.0 - 85.5)	0.38		<u>69 - 69.5: Rhyolite (?), fine-grained.</u>

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-5

Page 3 of 4

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
71.5	87.0	15.5	100%	(85.5 - 88.4)	0.28		Serpentine, dark-gray, fine-grained, silicified appearance; slightly schistose, at 70° - 80° to core length; slightly fractured; strongly to weakly magnetic; disseminated pyrrhotite in most parts; 2 - 3% pyrrho, with small parts up to 10%, minor pyrite.
				319			
				(88.4 - 95.0)			
				320			
				(95.0 - 102.0)	0.26		
				(102.0 - 105.0)	0.24		
				321			
				322			
87.0	102.0	15.0	100%	(105.0-107.3)	0.35		Serpentine, as above; minor disseminated pyrrhotite, pyrite; fairly magnetic; weak schistosity at 80° to core length.
				323			
				(107.3-111.0)	0.30		
				324			
102.0	111.0	9.0	100%				Transition zone, becoming light-gray towards 111'; weakly magnetic; minor pyrrhotite, except 105.0 - 107.3; with 2 - 3 %.
111.0	134.0	23.0	100%				Rhyolite, fairly dark-gray, fine-grained; scattered small porphyritic parts; highly sheared, brecciated, pinkish-white to 112.0'. Some brecciation and shearing to 131.0; shearing mainly at 45°; 126.5 - 128.0; dark reddish-brown.

COMPANY NAME URBAN QUEBEC MINES LIMITED

DIAMOND DRILL LOG

Hole No. Q-5

Page 4 of 4

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni	Cu	
134.0	201.0	67.0	100%				Rhyolite porphyry, distinct feldspar phenocrysts; fine-grained, medium-gray, massive, uniform throughout; fine fractures fairly abundant, at various angles; traces of sulphides
201.0	229.2	28.2	100%				Rhyolite porphyry, as above; dark reddish-brown, with bluish fractures, at various angles; barren.
229.2	237.0	7.8	100%				Transition zone, rhyolite - pyroxenite; fine-grained, light bluish-gray; talcose and serpentized; schistose, at 80° to core, barren.
237.0	244.0	7.0	100%				Pyroxenite, fairly coarse, dark-bluish-black massive, some fine fractures with pyrrhotite. Traces of pyrrhotite elsewhere; moderately and uniformly magnetic.
244.0							END OF HOLE

Signed: *E. A. Tappin*

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL SUMMARY

LANGMUIR TOWNSHIP, CLAIMS No. P-76767 ----- 1025'S, 80' W of No. 1 Post.

Hole No. Q - 6
 Location Claim No. P-76767
 Co-ordinates 0 + 70W, 3 + 00S
 Elevation _____
 Angle - 48°

Core Size AXT
 Bearing N 10° W
 Started January 13, 1965
 Completed January 25, 1965
 Logged By E. Tagseth

Survey Depth	Acid Test	
	Az.	Dip
<u>200'</u>		<u>46°</u>
<u>400'</u>		<u>44°</u>
_____	_____	_____
_____	_____	_____

From	To	Length Feet	Analysis	Description
0	10.0	10.0		Casing
10.0	18.5	8.5		Rhy. porph. abund. pheno. ass. med-gy. tr. pyrrho, py.
18.5	27.2	8.7		Rhy. dk-gy. strong shear. at 70° - 80°.
27.2	100.0	72.8		Rhy. porph. light gy. massive, tr. py.
100.0	105.5	5.5		Rhy. pale red. or bl. highly brec.
105.5	125.5	20.0		Rhy. med to light gy. mass. faintly porph.
125.5	155.5	30.0		Serp. black. shear 60°. mass. barren. non-mag.
155.5	184.5	29.0		Chlor-bio-sch. (meta-gab). dk gy. non-magnetic.
184.5	204.8	20.3		Rhy. dk-gy. ind. pheno in parts.
204.8	242.0	37.2		Chlor-bio-sch., cg.
242.0	281.6	39.6		Gab, cg to fg., non-uniform, feld. laths.
281.6	292.0	10.4		Bio-chlor. sch., sl. mag. barren.
292.0	322.0	30.0		Pyrox. black to dk gy. cg. strong magnetic.
322.0	238.6	6.6		Rhy. porph. mass. dk.
328.6	334.4	5.8		Rhy. light-gy. shear 70°
334.4	455.7	121.3		Serp (perid). fg., black strong mag., traces of py. pyrrho.
455.7	468.5	12.8		378 - 384.5: Rhy. dike (?), light grey, vfg. coarse centre.
468.5	491.0	22.5		Gab. light grey, cg., ext. serp.
				Serp (perid) black, fg. ext. serp. fine asbestos fract. barren.

Logged: E. Tagseth
25 January 1965

COMPANY NAME JRBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-6

Langmuir Twp. Claim No. P-76767
300' south of Base Line, 17' West of Oto Lines

Page 1 of 6

Azimuth N10°W,
Initial Dip = 48°, at 200' = 46°, at 400' = 44°

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
0.0	10.0						CASING.
10.0	18.5	8.5	100%				Rhyolite porphyry: abundant indistinct feldspar phenocrysts, massive, medium-gray; sparse pyrrhotite, pyrite in fine fractures.
18.5	27.2	8.7	100%				Rhyolite, dark-gray, no phenocrysts; becoming lighter bluish gray in last four feet; strongly sheared, at 70° - 80° to core.
27.2	100.0	72.8	100%				Rhyolite porphyry; light-gray, massive; many fine fractures, some with epidote or talc, rarely pyrite, at various angles to core; several 3" to 4" sheared (at 70° to core) parts.
100.0	105.5	5.5	100%				Rhyolite; pale reddish, or bluish; highly brecciated and fractured; some carbonate filled zones.

COMPANY NAME _____
DIAMOND DRILL LOG

Hole No. Q-6

Page 2 of 6

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
105.5	125.5	20.0	100%				<u>Rhyolite; medium t lighter gray; most parts massive. some shearing at 60° to core; distinctly to faintly porphyritic; many fine fractures.</u>
125.5	155.5	30.0	100%				<u>Serpentine, almost black; 125.5 - 129.5 sheared at 60° to core; massive, barren, non-magnetic.</u> <u>142.5 - 149.5: Lamprophyre (?); fairly fine-grained, massive, abundant pyrite crystals, (1 mm diameter); 3" section of serpentine as above; fine phenocrysts of feldspar, quartz, etc, - looks much like graywacke.</u>
155.5	184.5	29.0	100%				<u>150.1 - 151.2: Rhyolite, dark-gray, no phenocrysts.</u> <u>Chlorite-biotite schist, probably metamorphosed gabbro; fine-grained to 162; highly biotitic in most of balance, biotite flakes give speckled appearance; dark-gray; slightly serpentized. Trailing contact coarse-grained; non-magnetic; some pyrite.</u>

COMPANY NAME _____

DIAMOND DRILL LOG

Hole No. Q-6

Page 3 of 6

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
184.5	204.8	20.3	100%				Rhyolite, fairly dark-gray; several sections with abundant and indistinct phenocrysts, balance slightly sheared and fractured.
204.8	242.0	37.2	100%				Chlorite-biotite schist, similar to 155.5 - 184.5; lighter gray; coarse-grained, abundant biotite flakes to 214.2; balance fine-grained like 155.5 - 162.0. 155.5 - 242.0 may be metamorphosed dike, cut by rhyolite.
242.0	281.6	39.6	100%				Gabbro, coarse to fine-grained, non-uniform texture; parts very coarse-grained with abundant irregular feldspar 10ths; faint lineation of feldspar grains at 60° to core; slightly magnetic; minor fracturing.
281.6	292.0	10.4	100%				Biotite-chlorite schist, coarse-grained like 162.0 - 184.5; abundant clots of biotite; slightly magnetic; barren, trailing contact sheared at 65° to core.

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-6

Page 4 of 6

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
292.0	322.0	30.0	100%				Pyroxenite, black to dark-gray. Fairly coarse-grained; uniform texture, quite strongly magnetic throughout; abundant grains with bronze lustre; barren; trailing contact sheared at 80°.
322.0	328.6	6.6	100%				Rhyolite porphyry massive, distinctly porphyritic, dark-gray.
328.6	334.4	5.8	100%				Rhyolite, light-gray, sheared at 70° to core; non-porphyrific <u>331.4 - 333.4: Pyroxenite, medium-grained, medium-dark-gray, uniform.</u>
334.4	455.7	121.3	100%				Serpentine (peridotite), fine-grained, black, abundant serpentized fractures; quite strongly magnetic throughout; rare large blebs of magnetite; faint foliation at 70° to core length; finely disseminated pyrite, pyrrhotite.

continued.....

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-6

Page 5 of 6

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni	Cu	
334.4 continued							378.0 - 384.5: Rhyolite ((dike ?), light-gray, very fine-grained, with central 2' section coarser grained; contacts at 70° to core length, with 1/4" red mylonitic margins.
							416.0 - 418.5 & 423.0 - 431.0: Less serpentinized, very fine-grained; fine fractures and micaceous partings at 70° to core.
							431.0 - 442.0: coarse-grained, lighter gray than before, more highly serpentinized.
							442.0 - 449.0: fine-grained, concoidal fractures, minute green specks.
455.7	468.5	12.8	100%				Gabbro, light-gray, coarse-grained to 463.5, extremely altered, serpentinized, and fractured; 463.5 - 468.5: medium-grained uniform, massive.

COMPANY NAME URBAN QUEBEC MINES LIMITED
DIAMOND DRILL LOG

Hole No. Q-6

Page 6 of 6

From	To	Length Feet	Core Recovery	Sample No.	Analysis		Description
					Ni.	Cu.	
468.5	491.0	22.5	95%				<u>Serpentine (peridotite)</u> , black, fine-grained, extremely serpentinized; abundant, fine asbestos-filled fractures up to 1/4" wide, reddish-brown, to 471.5; balance is dark greenish or brownish-black, with fine fractures at 60° to core-length; barren, much ground-up core.
491.0	493.0	2.0	100%				<u>Dike</u> , very fine-grained, deep reddish, many inclusions of above; contact parallel to the core in parts.
493.0	506.0	13.0	100%				<u>Serpentine (peridotite)</u> , extremely serpentinized, almost pure serpentine in parts; rare traces of pyrite, pyrrhotite.
506.0	510.0	4.0	100%				<u>Rhyolite</u> , light-gray, coarse-grained, recrystallized, abundant chlorite flecks; several 1/2" bands of serpentine, as above; indistinct lineation at 50° to core length; barren.
510.0							<u>END OF HOLE</u>

Signed: E.A. Tapscott

24+00N

22+00N

20+00N

18+00N

16+00N

14+00N

12+00N

10+00N

8+00N

6+00N

4+00N

2+00N

0+00

2+00S

4+00S

6+00S

8+00S

10+00S

12+00S

14+00S

TL

TL

P 76 770

P 76 766

P 76 767

P 76 765

P 76 762

P 76 763

00-7
35'

00-8
35'

00-1
35'

00-2
35'

00-3
35'

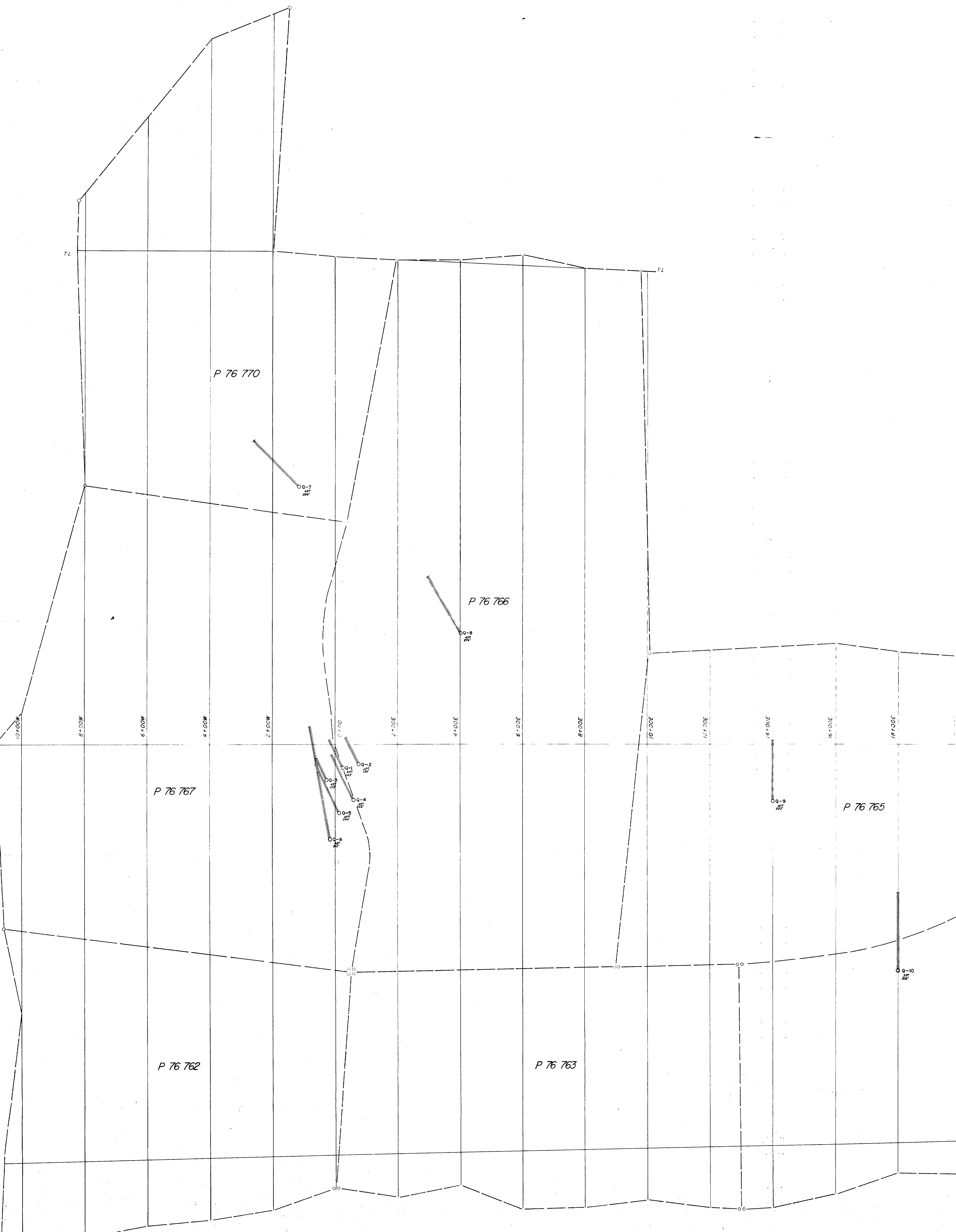
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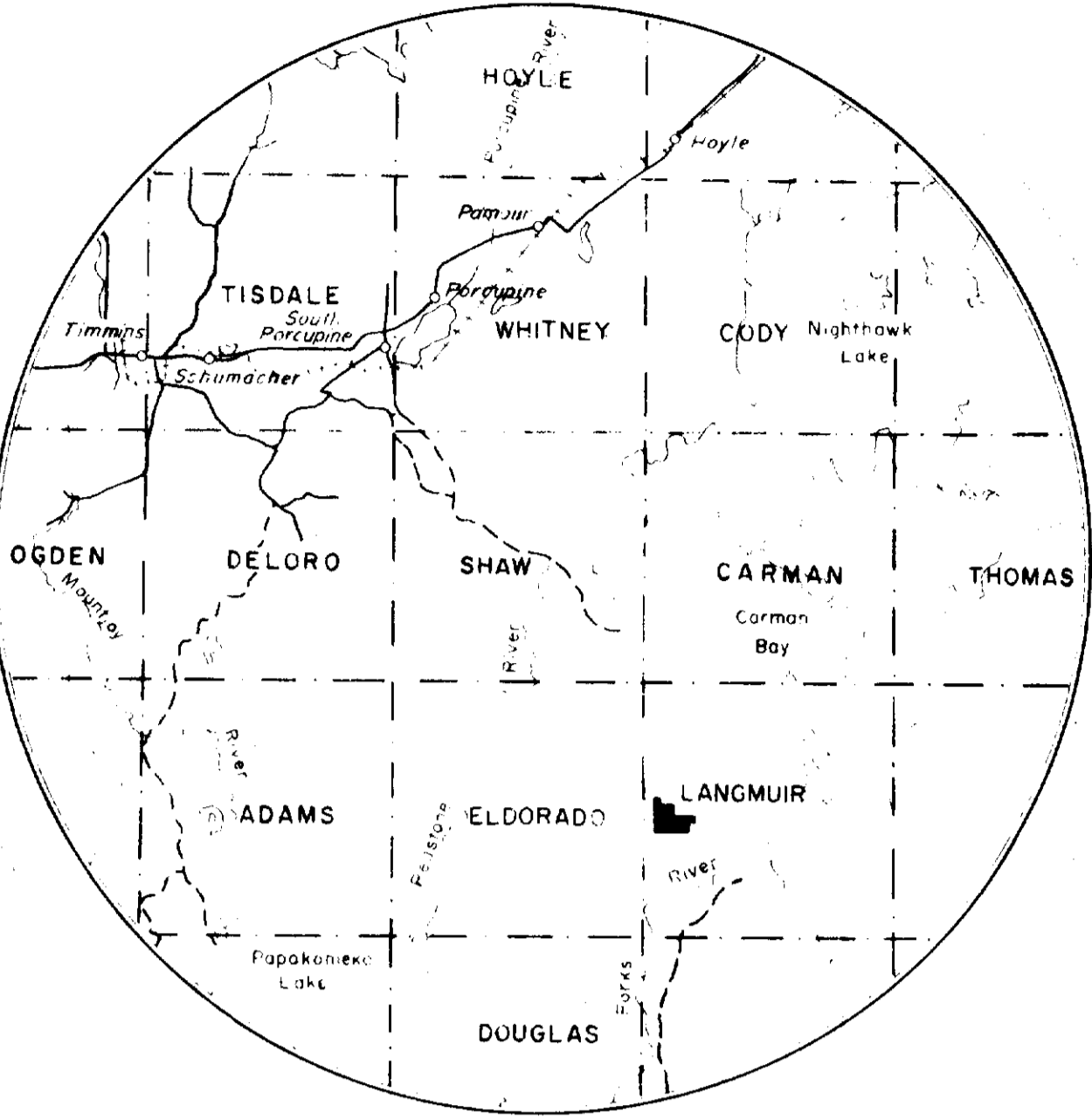
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35'

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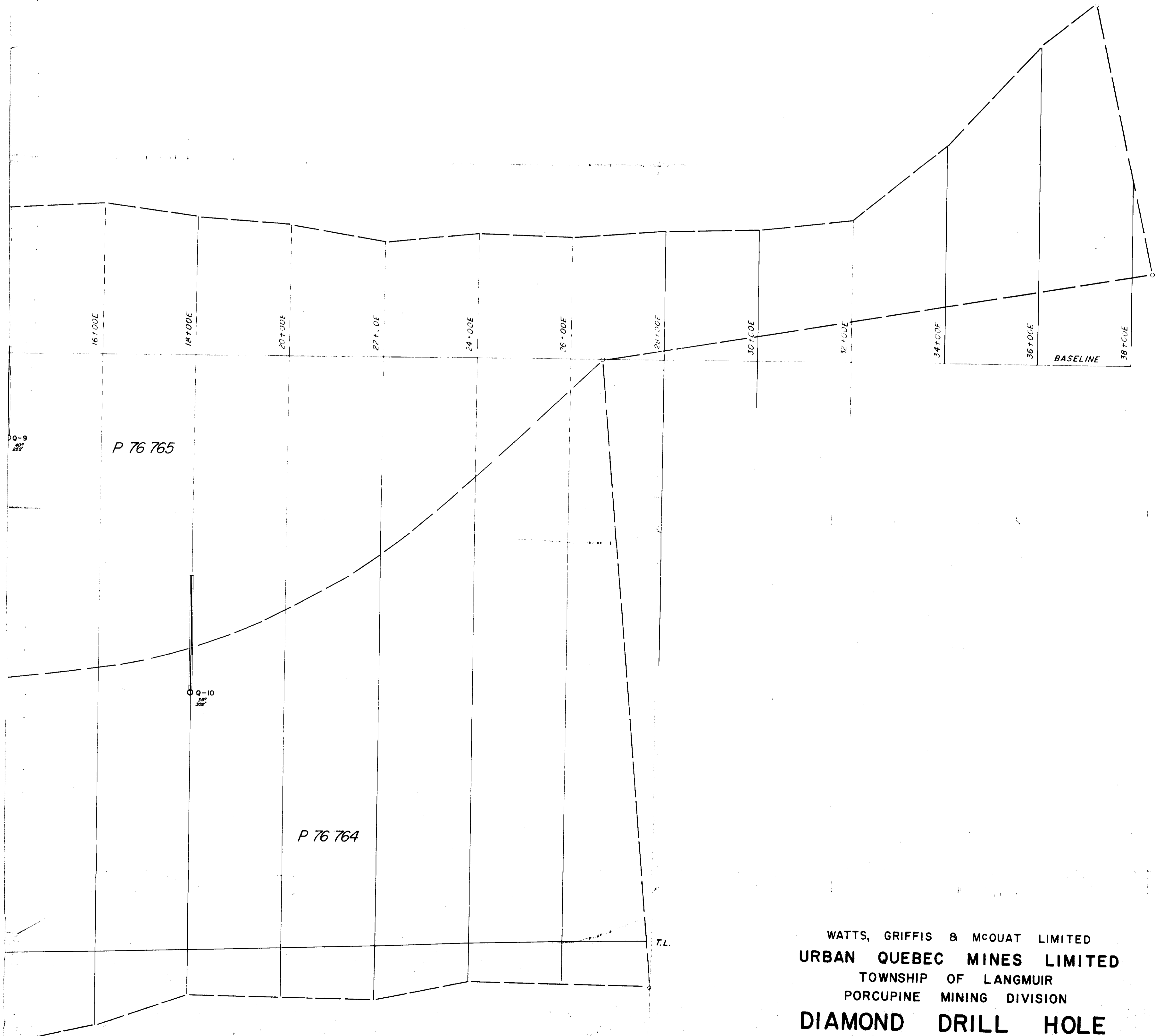
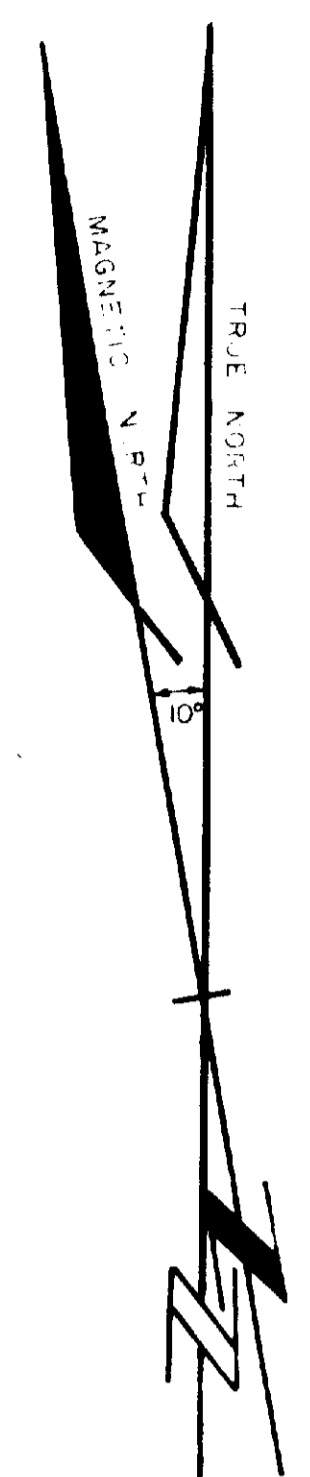
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35'

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35'

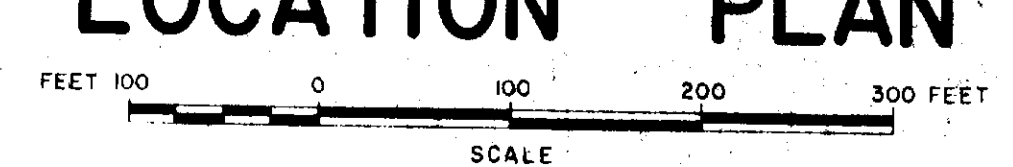




KEY MAP
SCALE 1 INCH TO 4 MILES



WATTS, GRIFFIS & MCOUAT LIMITED
 URBAN QUEBEC MINES LIMITED
 TOWNSHIP OF LANGMUIR
 PORCUPINE MINING DIVISION
**DIAMOND DRILL HOLE
 LOCATION PLAN**



JAN. 1965

LANGMUIR FIRE#12