GM 17837

DIAMOND DRILL REPORT, ROY GROUND PROPERTY

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FORM 522-3500-11-65-NPC

DIAMOND DRILL REPORT

NORTH On Base Line
EAST L-16 E
ELEV.
AZIM. Collar - Due South °
DIP Collar - 45°, 100' - 45°
200' - 43°, 409' - 41°

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-1
COMMENCED March 7, 1966.
FINISHED March 10, 1966.
PURPOSE OF HOLE Exploration

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Au	Ag	DESCRIPTION OF SAMPLE	% Cu-Ni-Zn	Approx. % Sulphides
0	15.0	Overburden - casing.									
15.0	152.3	Acid volcanic - probably dacitic	15.0	25.0	9.6	10.0					
		somewhat sheared, in places silicic	25.0	50.0	24.7	25.0					
		and quartz eyes, in places well	50.0	75.0	24.4	25.0					
		brecciated or fragmented.	23.0	25.0	1.9	2.0	Nil	Nil	6080		2
		Occurrences of graphitic material	49.0	52.5	3.4	3.5	"	"	-81		1
		darkens core as follows 22.1 to 22.4, 24.5 to	52.5	55.0	2.3	2.5	"	"	-82		2
		25.0, 27.2 (1"), 30.0 to 30.6, 53.0 to 54.0,	65.0	66.0	1.0	1.0	"	"	-83		1
		88.8 to 89.5, 145.0 to 152.3 (slight).	66.0	67.0	1.0	1.0	"	"	-84		1
		Fine grained and aphanitic or whitish	67.0	68.0	1.0	1.0	"	"	-85		2
		cherty colour where massive.	73.5	75.0	2.5	2.5	"	"	-86		2
		Brecciation prominent as follows	88.0	89.5	1.5	1.5	"	"	-87		2
		120.0 to 125.0 etc. (zones indefinite).	89.5	92.0	2.4	2.5	"	"	-88		3
		Pyrrhotite-pyrite mineralisation	99.0	100.0	1.0	1.0	"	"	-89		2
		throughout core as fine particles	111.0	112.5	1.5	1.5	"	"	-90		3
		except where deposited along fine	118.5	120.0	1.5	1.5	"	"	-91		1
		fractures and intergranular spaces	120.0	121.5	1.5	1.5	"	"	-92		2
		and occasional small stringers.	125.0	127.8	2.7	2.8	Nil	Nil	-93		1
		Mainly pyrrhotite with pyrite	127.8	130.0	2.2	2.2	"	"	6151	Tr	2
		replacement - in graphitic zones along	130.0	131.5	1.5	1.5	"	"	-52	Tr	3
		shear planes (see notes on samples).	131.5	132.5	1.0	1.0	"	"	-53	Tr	2
		Shearing and or bedding at 40-50°	132.5	135.0	2.4	2.5	"	"	-54	Tr	4
		to core.	135.0	137.5	2.5	2.5	"	"	-55	Tr	4
		Core somewhat porphyritic resembling	137.5	140.0	2.4	2.5	"	"	-56	Tr	2
		intrusive (contacts indefinite) as follows -	140.0	142.0	1.9	2.0	"	"	-57	Tr	2
		127.8 to 135.6 - could be that intrusive	142.0	144.5	2.5	2.5	"	"	-58	Tr	1

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY BOX GROUP (JOANNES TWP.)

HOLE NO. QR-1 Page 2

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au Ag ASSAY	DESCRIPTION OF SAMPLE %Cu-Ni-Zn		
		brecciated so that grades for 2'-3'	144.5	147.0	2.5	2.5	Nil Nil	6159	Tr	3
		into intruded volcanics.	147.0	148.5	1.5	1.5	" "	-60	Tr	1
		Volcanic could be tuffaceous in	148.5	150.0	1.5	1.5	" "	-61	Tr	3
		places expecially where graphitic material	150.0	152.3	2.2	2.3	" "	-62	Tr	6
		occurs. Much sericite and albite.								
		Little or no veining and mostly	75.0	100.0	24.4	25.0				
		confined to feldspathic material (i.e. bleaching)	100.0	125.0	23.7	25.0				
			125.0	152.3	27.0	27.3				
152.3	158.2	Graphitic sheared tuff (?) black, well	152.3	155.0	2.6	2.7	Nil Nil	6163		
		sheared with occasional light	155.0	158.2	2.9	3.2	" "	6164	Tr	
		banding contorted by shearing of								
		siliceous material - fine grained								
		sulphides - (pyrrhotite-pyrite) in								
		siliceous bands and along shear								
		planes - up to 3%.								
		Shearing at 60-75° to core								
		Quartz vein at 156.0 (2")								
158.2	211.5	Acid to intermediate volcanic - probably	158.2	175.0	15.5	16.8				
		dacitic and somewhat more tuffaceous	175.0	200.0	23.8	25.0				
		more uniform in texture and aphanitic	200.0	211.5	11.2	11.5				
		well sheared or bedded at 70° to core.	177.0	178.5	1.5	1.5	Nil Nil	6165	Nil	
		Where more aphanitic possibly graphitic								
		material. Fine grained and sericitic; in places								

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-1 Page 3

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES Au, Ag					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		buff coloured.						
		Quarts veining as follows - 162.3 (½"),						
		171.6 (½"), 175.6 to 175.7, 190.3 (1"),						
		191.2 (½"), 193.0 (1").						
		Some sulphides (pyrrhotite-pyrite)						
		confined to shear planes and as fine						
		grained replacement pods.						
		Contacts indefinite across 2-3".						
211.5	303.2	Dacite - similar to that above at	211.5	225.0	13.3	13.5		
		15.0 to 152.3.	225.0	250.0	24.5	25.0		
		Quarts veining as follows - 213.6 (1"),	250.0	275.0	24.7	25.0		
		213.8 (1"), 217.9 (½"), 219.6 (1"), 221.2 (3"),	275.0	303.2	27.6	28.2		
		223.9 (1"), 224.1 (1"), 225.6 (1"), 229.3 (1"),						
		234.6 (½"), 238.1 (1"), 244.6 (1"), 249.6 (½"),						
		269.8 (½"), 284.2 (½"), 296.5 (½"), 301.4						
		to 301.6.						
		Graphitic occurrences as follows -						
		266.2 to 266.3, 268.6 to 272.7.						
		Porphyritic acid intrusive (?) as						
		follows - 283.9 to 284.4, 286.2 to 288.9.						
		Mostly somewhat brecciated acid						
		volcanic - short brecciated sections						
		could be pillow rims.						
		Some sulphides (pyrrhotite and						
		pyrite).						

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-1 Page 4

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au, Ag ASSAY		DESCRIPTION OF SAMPLE
303.2	351.1	Tuff - dacitic? Fine grained,	303.2	325.0	21.4	21.8			
		uniform, dark grey, well sheared	325.0	351.1	25.8	26.1			
		rock, in places quite graphitic -							
		as follows 331.3 to 336.5, 343.3 to							
		346.3, 311.0 to 316.2 and lesser amounts from							
		303.2 to 311.0.							
		Well sericitized shearing at							
		60° to core - well developed							
		bedding.							
		Quartz veining as follows - 307.0 to							
		307.2,308.0 (½"), 316.4 (1"), 319.0 (3"),							
		325.1 (2"), 325.9 (½"), 326.8 (½"), 327.1 to							
		327.2, 328.5 to 328.7, 329.5 (1"), 330.4 (½"),							
		330.7 (½"), 333.5 (½"), 336.2 (½"),							
		350.8 (½").							
		Little sulphides (pyrrhotite-pyrite).							
351.1	409.0	Agglomerate - dacitic - coarse	351.1	375.0	23.7	23.9			
		fragmental with particles up	375.0	400.0	24.6	25.0			
		to 1 inch stretched by shearing	400.0	409.0	9.0	9.0			≤
		at 65° to core. Fragments of							Cu-Ni-Zn-Pb
		cherty material welded by dacitic	398.0	399.0	1.0	1.0	Nil	Nil	6166 Tr
		material.	399.0	400.0	1.0	1.0	"	"	6167
		No veining but occasional	400.0	401.0	1.0	1.0	"	"	6168
		quartzitic gash veinlet at times							
		mineralized by pyrrhotite and pyrite							

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-1

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		and by some chalcopyrite, galena and						
		sphalerite at 399.4 to 399.7.						
		Graphitic material at 394.5 to						
		395.6, 396.0 (½"), 396.5 (½"), 397.0 to						
		397.6.						
409.0		End of Hole.						
NOTE		This hole was drilled on an						
		E.M. conductor and magnetic						
		anomaly. The explanation for						
		this could be the presence of						
		graphite as a conductor and						
		pyrrhotite as a magnetic						
		attraction.						
		Val d'Or, P.Q.						
		Wilson Kuntz						
		July, 1966						

FORM S22-3500-11-65-NPC

DIAMOND DRILL REPORT

NORTH Base Line
EAST. Line 0 + 00
ELEV.
AZIM. Collar - Due S
DIP Collar - 45°, 200' - 45°
400' - 43°

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-2
COMMENCED March 12, 1966.
FINISHED March 14, 1966.
PURPOSE OF HOLE Exploration - Magnetic "Anomaly" E. M. "Conductor"

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE	
0	21.0	Overburden -casing.							
21.0	193.2	Dacite.	21.0	50.0	27.5	29.0			
		Fine grained, massive and	50.0	75.0	24.0	25.0			
		somewhat sheared at 50° to core	75.0	100.0	24.5	25.0			
		to 34.2, light green and siliceous	100.0	125.0	24.7	25.0			
		somewhat chloritic and sericitized,	125.0	150.0	23.8	25.0			
		could be flow but possibly tuffaceous?	150.0	175.0	24.7	25.0			
		i.e. 30.4 to 32.4 mostly bleached -	175.0	193.2	17.9	18.2			
		pillow rims?					Au Ag		Ni
		From 34.2 similar to that in	34.0	35.0	0.9	1.0	Nil Nil	6169	
		Hole QR-1 - brecciated, massive	38.8	40.0	1.1	1.2	" "	-70	
		dacitic volcanic with chlorite,	40.0	42.0	1.9	2.0	" "	-71	Tr
		amphibole and feldspar alteration.	42.0	45.0	2.9	3.0	" "	-72	
		Sulphide replacement of some	45.7	47.5	1.8	1.8	" "	-73	
		alteration products (material welding	60.0	61.5	1.4	1.5	" "	-74	Tr
		brecciated fragments) - mainly pyrrhotite	70.0	72.5	2.4	2.5	" "	-75	
		with pyritic replacement.	72.5	75.0	2.5	2.5	" "	-76	Tr
		In places bleached sections indicating	76.3	79.8	3.5	3.5	" "	-77	
		possibility of pillows -	79.8	82.2	2.3	2.4	" "	-78	Tr
		Possibly tuffaceous material between	82.2	84.7	2.4	2.5	" "	-79	
		pillows?	84.7	86.2	1.4	1.5	" "	-80	Tr
		Possibly more tuff as come closer to	111.8	114.3	2.4	2.5	" "	-81	
		following graphitic schist.	114.3	117.0	2.7	2.7	" "	-82	
		Quarts veining as follows - 22.0 (½"),	126.5	128.8	2.2	2.3	" "	-83	
		34.2 to 34.7 (sulphides), 41.3 to 41.5, 44.4 (1")	128.8	130.4	1.6	1.6	" "	-84	

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-2 Page 2

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE	Ni
		46.0 (½"), 46.6 (½"), 47.6 to 47.7, 47.8 (½"),	134.2	137.1	2.9	2.9	Nil Nil	6185	Tr
		53.2 (½"), 89.8 (½"), 104.6 (1"), 109.7 (2"),	138.5	141.5	3.0	3.0	" "	-86	
		124.0 (½"), 127.2 (½"), 127.9 to 128.1,	141.5	143.5	2.0	2.0	" "	-87	
		168.2 (2"), 169.0 (1"), 169.5 (½"), 169.6 (½"),	145.0	147.5	2.5	2.5	" "	-88	Tr
		169.9 (½"), 171.7 (½"), 182.1 (½"), 185.4 (1"),	147.5	150.0	2.5	2.5	" "	-89	
		185.6 (1").	150.0	152.0	2.0	2.0	" "	-90	
		Concentrations of sulphides - 6-7%?	152.0	155.0	3.0	3.0	" "	-91	Tr
		or more - 76.3 to 78.8, 79.3 to 79.7, 81.9 to	155.0	157.1	2.0	2.1	" "	-92	
		82.2, 82.5 to 82.9, 84.4 to 84.7, 85.0 to 85.4	160.0	162.3	2.3	2.3	" "	-93	
		85.7 to 86.2, 86.7 to 87.4, 89.0 to 89.2, 89.5 to	162.3	164.2	1.9	1.9	" "	-94	
		89.8, 112.8 to 114.2, 115.0 to 116.7, 128.8 to	176.5	179.5	3.0	3.0	" "	-95	
		130.4, 134.2 to 137.1, 138.5 to 139.1, 140.0 to							
		141.5, 142.3 to 143.2, 145.0 to 148.2, 148.5 to							
		149.7, 150.1 to 151.4, 152.0 to 157.1, 160.0							
		to 164.2, 176.6 to 177.3, 178.8 to 179.5.							
		Sulphides are fine grained.							
193.2	234.0	Graphitic schist - tuffaceous - black,	193.2	225.0	30.5	31.8			
		well sheared with occasional light	225.0	234.0	8.9	9.0			
		banding contorted by shearing of	195.0	200.0	4.8	5.0	Nil Nil	6196	
		siliceous material, fine grained with	200.0	203.0	3.0	3.0	" "	-97	
		some pyrrhotite and pyrite along shear	222.0	225.0	2.7	3.0	" "	-98	
		planes and replacing siliceous material.	228.0	229.0	1.0	1.0	" "	-99	
		Sulphides are fine grained.	231.0	232.6	1.4	1.6	" "	6200	Tr
		Interbeds of less graphitic material as							
		follows - 201.3 to 202.1, 204.8 to 205.9, 209.5							
		to 214.8 - sulphides are mainly replacement type.							

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-2

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		Quartz vein at 232.3.						
234.0	361.1	Acid volcanics - dacitic type - much	234.0	250.0	14.3	16.0		
		alteration, very siliceous - cherty in	250.0	275.0	22.6	25.0		
		places. Sericitised and somewhat	275.0	300.0	23.1	25.0		
		sheared at 70° otherwise massive	300.0	325.0	23.8	25.0		
		and slightly porphyritic as follows	325.0	350.0	24.4	25.0		
		260.0 to 274.6 (acid intrusive??).	350.0	361.1	10.8	11.1		
		More sheared parts could be tuffaceous						
		interbeds which at times are graphitic						
		as follows - 238.6 to 243.6, 253.0 to 253.2,					Au Ag	Ni
		269.0 to 271.1, 274.6 to 285.0. These seem	241.3	243.0	1.6	1.7	Nil Nil	6201
		to exhibit graded bedding parallel to shearing.	245.3	246.1	0.8	0.8	" "	-10 Tr
		From 274.6 to 330.1 the volcanic is tuffaceous,	259.5	262.0	2.2	2.5	" "	-02 Tr
		fine grained and bedded (?) at 70° to core.	263.4	265.0	1.6	1.6	" "	-03
		Up to 347.2 the volcanic is massive	265.0	267.5	2.0	2.5	" "	-04 Tr
		and somewhat cherty.	267.5	270.0	2.4	2.5	" "	-05
		From 347.2 to 354.4 the volcanic is	279.0	280.0	0.8	1.0	" "	-06
		slightly amphibolitized and dark, fine	280.0	283.5	2.5	3.5	" "	-07
		grained. To 361.1 the volcanic is	283.5	285.5	1.6	2.0	" "	-08
		somewhat tuffaceous.	292.8	293.7	0.8	0.9	" "	-09
		Quartz veining occurs as follows -	318.5	319.5	1.0	1.0	" "	-11
		242.8 to 242.9, 248.1 (½"), 253.1 to 253.2,	323.2	325.0	1.7	1.8	" "	-12
		267.0 (½"), 268.3 (½"), 273.6 (½"), 292.8 to						
		293.1, 293.3 to 293.7, 315.7 (½"), 329.4 (½").						
		Pyrrhotite and pyrite (replacement) are						
		common especially as follows (over 5%) -						

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-2 Page 4

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		241.3 to 243.0 (sphalerite from 242.4 to						
		243.0, 245.3 to 246.1, 259.4 to 262.0 (less),						
		263.5 to 264.6, 265.0 to 270.0 (less), 279.0 to						
		279.7, some galena near 284.0, sphalerite						
		at 284.4 to 285.4 and less amounts of						
		sulphides elsewhere.						
		From 285.4 few sulphides in core.						
361.1	364.4	Intermediate volcanic - dark green,	361.1	364.4	3.3	3.3		
		massive with amphibole alteration						
		developed and leucoxene crystals						
		developed.						
		No veining and few sulphides.						
		Contacts sharp - intrusive (?).					Au Ag	
364.4	371.0	Dacitic volcanic - as above.	364.4	371.0	6.4	6.6		
		Siliceous and somewhat sheared	369.0	371.0	2.0	2.0	Nil Nil	6213
		at 75° to core.						
		No veining and few sulphides						
		perhaps some sphalerite at 369.3.						
371.0	381.0	Intermediate volcanic - as at 364.4 to	371.0	381.0	9.7	10.0		
		371.0 - could be amphibolite - more						
		amphibole than above - no veining and						
		few sulphides.						
		Contacts sharp at 70°.						

FORM S22-3500-11-65-NPC

NORTH.
EAST.
ELEV.
AZIM.
DIP.

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-2 Page 5

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
381.0	405.0	Acid to intermediate volcanic - fairly	381.0	405.0	23.4	24.0		
		chloritic and sericitic - somewhat						
		brecciated in places. Massive with						
		phenocrysts (feldspar) developed as						
		follows - 390.0 to 391.5, 392.4 to 405.0.						
		Charty (pillow rims?) as follows -						
		391.3 to 3915, 392.2 to 392.4, 394.2 to 394.9,						
		396.6 to 397.4.						
		Porphyritic part mentioned above						
		could be intrusive (?).						
		Few sulphides and no veining.						
405.0		End of hole.						
NOTE		Explanation of magnetic anomaly						
		could be presence of pyrrhotite. Graphitic						
		schists could have caused E.M. conductor.						
		Vol d'Or, PQ						
		Wayne Kinds						
		July, 1966						

FORM S22-3500-11-65-NPC

DIAMOND DRILL REPORT

NORTH 3 + 60 North of Base Line
EAST on KL-12 E
ELEV.
AZIM. Collar - Due South
DIP Collar - 45°, 200' - 44°
420' - 40°

PROPERTY JOANNES TWP. (ROY OPTION)

HOLE NO. QR-3
COMMENCED March 21, 1966.
FINISHED March 23, 1966.
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	38.0	Overburden - casing.					Au Ag	
38.0	203.7	Dacite - massive - acidic type lava	38.0	50.0	11.9	12.0		
		fine grained, chloritic, sericitic	50.0	75.0	24.8	25.0		
		with occasional bleached sections	75.0	100.0	24.9	25.0		
		(pillow rims?) which occasionally	100.0	125.0	24.8	25.0		
		contain pyrrhotite. Needles of	125.0	150.0	24.6	25.0		
		mafic material (pyroxene) throughout	150.0	175.0	24.6	25.0		Core lost in bush 199.3 to 200.0
		almost of intrusive texture.	175.0	203.7	27.5	28.7		Core lost in bush 199.3 to 200.0
		Slight shearing at 45-50° to core						Ni
		especially from 90.9 to 91.7.	90.0	92.6	2.6	2.6	Nil Nil	6214
		Bleached sections as follows - 38.7 (2"),	171.5	173.0	1.5	1.5	" "	-15
		55.7 to 55.9, 62.5 (1"), 65.9 to 66.1, 67.3 to	175.0	178.0	2.8	5.0	" "	-16
		67.6, 68.6 to 68.8, 69.1 to 70.0 (some pyrrhotite),	178.0	180.0	2.0	2.0	" "	-17
		70.4 to 70.8, 80.4 (1"), 80.6 (1"), 81.5 to 81.6,	180.0	182.5	2.4	2.5	" "	-18 Nil
		82.8 (1"), 84.0 to 84.1 (some pyrrhotite),	182.5	185.0	2.5	2.5	" "	-19 "
		84.5 to 84.7, 85.0 to 85.3 (pyrrhotite),	185.0	188.0	3.0	3.0	" "	-20 "
		87.1 to 87.2 (some pyrrhotite), 90.4 to 90.8	188.0	189.5	1.5	1.5	" "	-21 "
		(some pyrrhotite), 94.3 (1"), 94.6 to 94.8.	189.5	191.0	1.4	1.5	" "	-22 "
		From (approx.) 100.0 on the volcanic	191.0	192.3	1.2	1.3	" "	-23 "
		is somewhat more mottled, richer	192.3	195.1	2.7	2.8	" "	-24
		in chloritic minerals (more basic?)	195.1	197.8	2.5	2.7	" "	-25 "
		in sections and generally not as	197.8	199.2	1.4	1.4	" "	-26 "
		massive as above.	199.2	200.0		0.8	" "	No core
		Concentrations and blotches of	200.0	201.0	1.0	1.0	Nil Nil	6227 "
		near massive pyrite replacement	201.0	203.0	2.0	2.0	" "	-28

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY JOANNES TWP. (ROY GROUP)

HOLE NO. QR-3

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		occurs as follows - 178.2 to 178.3,	203.0	203.7	0.7	0.7	Nil Nil	6229
		180.0 to 180.2, 180.8 to 180.9, 181.0 to 181.3,						
		182.2 to 182.6, 183.0 to 183.3, 183.8 to 184.0,						
		184.2 to 184.4, 186.3 to 186.4, 186.7 to 186.9,						
		187.8 (½"), 188.2 to 189.0, 189.4 to 189.9, 190.2						
		to 190.5, 191.8 to 192.7, 193.0 (½"), 193.4 (2"),						
		195.2 to 196.4, 196.6 (1"), 196.8 (1"), 197.4 to						
		197.8, 200.1 to 200.2, 201.0 to 202.2, 202.8 (½").						
		Associated with above sulphides						
		the volcanics are bleached from						
		approximately 175.0 to 203.7.						
		Quarts veining occurs as follows						
		- 48.7 (1"), 57.7 (½"), 62.5 (2"), 63.3 (½"),						
		63.9 (½"), 67.5 (1"), 72.5 (½"), 78.1 (½"),						
		93.8 (½"), 97.7 (½"), 144.6 (½"), 145.3 (½"),						
		151.5 (½"), 160.8 (½"), 172.2 to 172.8,						
		176.1 (1"), 176.9 to 177.1, 186.3 to 186.4.						
203.7	293.0	Agglomerate - breccia, light green groundmass	203.7	225.0	21.0	21.3		
		with darker green fragments up to 1 inch wide	225.0	250.0	24.8	25.0		
		and much mafic material throughout.	250.0	275.0	24.9	25.0		
		(chlorite, amphibole?) Fragments with	275.0	293.0	17.8	18.0		
		somewhat rounded off corners, fine to						
		medium grained. Volcanic otherwise						
		massive with lineation of fragments						
		due to slight shearing at 75° to core.						

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY JOANNES TWP. (RCX GROUP)

HOLE NO. QR-3

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		Intermediate composition.						
		No veining and little if any sulphides.						
293.0	307.7	Fragmental - breccia - similar to above	293.0	307.7	14.6	14.7		
		except grading into less basic rock						
		type. i.e. fragments more of same						
		composition so that it is difficult to						
		make out fragment boundaries.						
		Contact gradational.						
		No veining and few sulphides.						
307.7	350.0	Tuff - bedded, dark grey, acidic	307.7	325.0	17.2	17.3		
		to intermediate composition, fine	325.0	350.0	24.7	25.0		
		grained (?) with bedding (?) parallel						
		to shearing at 55° to core. In places						
		cherty bands in shear planes.						
		Otherwise tuff fairly massive.						
		There is no veining and little						
		if any sulphides.						
		Both contacts gradational.						
350.0	421.0	Tuff - acidic type - dacitic - similar	350.0	375.0	24.7	25.0		
		to above except bedding not evident.	375.0	400.0	24.6	25.0		
		Veining occurs as follows - 357.5 (¼"	400.0	421.0	20.8	21.0		
		- QTP), 376.6 (¼"), 385.6 to 386.4 (¼" QTP),	356.5	357.8	1.3	1.3	Nil Nil	6230
		414.2 (¼").	362.0	363.1	1.1	1.1	" "	-31

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY JOANNES TWP. (ROY GROUP)

HOLE NO. QR-3 Page 4

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE NO.	
		Somewhat bleached sections as	385.5	386.5	1.0	1.0	Nil Nil	6232	Nil
		follows - 362.1 to 362.3, 362.8 to 363.0,	393.0	396.0	3.0	3.0	" "	-33	
		393.0 to 396.0.	413.5	415.0	1.5	1.5	" "	-34	Nil
	421.0	End of Hole.							
NOTE		Explanation of E.M. - concentrations							
		of sulphides at 128' to 203'.							
		Wayne Kumbo							
		July, 1966							
		Val d'Or, P.Q.							

FORM S22-3500-11-65-NPC

DIAMOND DRILL REPORT

NORTH 0 + 60 South of Base Line
EAST 24 + 80 East
ELEV.
AZIM. Collar - S 45° W
DIP Collar - 45°; 200' - 41°; 320' - 36°

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-4
COMMENCED March 26, 1966.
FINISHED March 28, 1966.
PURPOSE OF HOLE Exploration of E.M. "CONDUCTOR" and MAGNETIC ANOMALY

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	15.0	Casing - overburden.						
15.0	234.7	Tuff - grey to green with variation	15.0	25.0	7.2	10.0		Lost Core 22.6 to 24.6
		in texture and composition, but	25.0	50.0	21.1	25.0		Lost Core 27.5 to 29.5
		generally of acid to intermediate	50.0	75.0	23.8	25.0		Water Seams to 33.7
		composition.	75.0	100.0	24.0	25.0		87.3 to 91.3
		Variations as follows - fairly	100.0	125.0	24.4	25.0		135.0 to 136.0
		aphanitic up to 50' and sheared at 40-50°.	125.0	150.0	23.7	25.0		138.2 to 138.3
		From 50 to 118 lighter grey with	150.0	175.0	24.2	25.0		142.3 to 142.6
		following variations - porphyritic from	175.0	200.0	24.8	25.0		187.1 to 187.4
		52.7 to 52.9, 52.5 to 53.8, 62.5 to 63.0,	200.00	225.0	24.5	25.0		
		63.5 to 63.7, 69.3 to 71.7. Amphibolitic	225.0	234.7	9.7	9.7		
		from 74.8 to 102.8 (in places throughout						
		due to alteration).					Au Ag	% Cu Ni Zn
		From 118 to 166.7 aphanitic as	40.0	41.0	1.0	1.0	Nil Nil	6235
		above with shearing at 40° to core.	45.0	46.5	1.5	1.5	" "	-36
		From 166.7 as at 50 to 118. Porphyritic	67.5	69.0	1.3	1.5	" "	-37
		from 168.1 to 178.3. From 178.3 on the	72.8	74.5	1.7	1.7	" "	-38
		core contains some biotite alteration	130.5	131.5	1.0	1.0	" "	-39 "
		with some evidence of bedding	181.0	182.0	1.0	1.0	" "	-40
		probably parallel to shearing at 30-60°	186.0	188.0	2.0	2.0	0.04 "	-41 Nil
		to core.	193.5	194.5	1.0	1.0	Nil "	-42
			196.5	198.5	2.0	2.0	" "	-43
			200.0	201.5	1.5	1.5	" "	-44 "
			210.0	212.0	2.0	2.0	" "	-45 "

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QB-4 Page 2

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		Veining as follows - 35.7 (½"), 45.0 (½")						
		47.7 (½"), 53.0 to 53.1, 74.4 (½"), 80.8 (½"),						
		82.1 (½"), 115.5 (2"), 116.5 (½"), 173.9 (1"),						
		181.2 (2"), 181.4 (½"), 186.1 (½"), 186.8 (½"),						
		186.9 to 187.7, 193.6 to 194.5 (brecciated with						
		quartz), 196.5 to 198 (brecciated with quartz),						
		199.1 to 199.2, 200.5 (½"), 200.9 (½"), 204.0 (½"),						
		205.8 (½"), 207.0 (1"), 210.4 (½" w sulphides),						
		210.7 (½"), 211.9 (½"), 232.2 (½"), 233.1 (½").						
		Sulphides (pyrrhotite and pyrite) show						
		some concentrations where core						
		sampled but from 178.3 on there is						
		an increase in amount throughout						
		the core.						Ni
234.7	242.8	Tuff - schistose and slightly graphitic	234.7	239.0	4.1	4.3	Nil Nil	6246
		fine grained and well bedded at	239.0	242.8	3.6	3.8	" "	-47 "
		45° to core. Dacitic type.						
		Few fine grained sulphides						
		disseminated throughout.						
		Quartz carbonate vein at 240.5 (½").						

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-4

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
242.8	247.1	Tuff - light grey, fine grained, acidic	242.8	247.1	4.2	4.3	Nil Nil	6248
		sheared and/or bedded at 50° to core.						
		Quartz vein at 247.1 (½").						
		Some finely disseminated sulphides						Cu Ni Zn
		throughout.						
							Au Ag	
247.1	285.0	Tuff - sheared with much graphite	247.1	285.0	36.8	37.9		
		and well bedded at 50° to core.	247.1	250.0	2.9	2.9	Nil Nil	6249 Nil
		Parallel to shearing. Interbeds of	250.0	255.0	4.8	5.0	" "	-50
		less graphitic material as follows -	255.0	260.0	4.7	5.0	" "	-51 "
		273.6 to 278.0, 279.0 to 280.2.	260.0	265.0	4.9	5.0	" "	-52
		Pyrite and pyrrhotite throughout.	265.0	267.0	1.9	2.0	Nil Nil	-53 "
		Finely disseminated and as splotches	267.0	269.0	1.8	2.0	0.21 Nil	-54 1.15
		along late fractures and	269.0	273.6	4.6	4.6	0.05 Nil	-55 Nil
		shearing. At 268.4 to 268.6 some	273.6	277.9	4.2	4.3	Nil Nil	-56 "
		sphalerite, galena and chalcopyrite	277.9	280.0	1.9	2.1	" "	-57 "
		along late fracture injected	280.0	285.0	5.0	5.0	" "	-58 "
		with carbonate and quartz. At 267.5						
		½" quartz carbonate vein containing pyrite,						
		sphalerite and chalcopyrite (late fracture,						
		brecciated for 2").						
		Veining occurs as follows - 256.5 to 256.7						
		(carbonate, quartz) 261.8 (½" carb.), 266.3 (½"),						
		267.6 (see above), 268.4 to 268.5 (see above),						
		From 282.5 to 283.0 some chalcopyrite (?).						

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY BOX GROUP (JOANNES TWP.)

HOLE NO. QR-4 Page 4

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE	
									Ni Zn
285.0	311.0	Tuff - similar to above at 242.8 to 247.1	285.0	311.0	25.0	26.0	Au Ag		
		no veining. Some disseminated pyrrhotite	285.0	290.0	4.7	5.0	" "	6259	Nil
		Bedding (?) at 50°. Porphyritic	290.0	295.0	4.5	5.0	" "	-60	
		nature due to tuff fragments.	295.0	300.0	4.8	5.0	" "	-61	
			309.0	311.0	2.0	2.0	" "	-62	"
311.0	315.0	Tuff - sheared and graphitic as at	311.0	315.0	3.8	4.0			
		247.1 to 285.0. Shearing at 50°	311.0	312.0	0.9	1.0	0.03 Nil	6263	3.11
		some sulphides as above in	312.0	315.0	2.8	3.0	Nil Nil	-64	"
		shear planes and splotches.							
		Quartz carbonate vein at 311.5 to 311.6.							
315.0	324.0	Tuff - as above at 242.8 to 247.1	315.0	320.0	5.0	5.0	Nil Nil	6265	
		some sulphides. No veining except	320.0	324.0	4.9	4.0	" "	-66	
		at 323.9 (¼").							
324.0	327.5	Tuff - graphitic and sheared - as	324.0	327.5	3.3	3.5	Nil Nil	6267	
		above at 247.1 to 285.0.							
		Some pyrrhotite along shear							
		planes.							
		At 324.3 (¼") quartz carbonate vein.							

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-4 Page 5

COMMENCED
FINISHED
PURPOSE OF
HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE NI
327.5	355.4	Tuff - similar to those above -	327.5	329.0	1.5	1.5	Nil Nil	6268
		light grey, sheared and/or bedded.	329.0	333.0	3.6	4.0	" "	-69
		Little if any sulphides.	333.0	337.0	3.9	4.0	" "	-70
		Veining occurs as follows - 328.3	337.0	338.0	0.9	1.0	" "	-71
		(½" - galena in carbonate), 335.0 (½"),	338.0	341.0	2.5	3.0	" "	-72 "
		335.9 (½"), 344.9 to 345.5 (carbonate -	341.0	344.5	3.3	3.5	" "	-73
		quartz with some sphalerite), 350.7 (½"),	344.5	346.0	1.3	1.5	" "	-74
		354.3 (½").	346.0	350.0	3.2	4.0	" "	-75
355.4		End of Hole.						
NOTE		Conductor found to be graphitic						
		tuff. Magnetic response possibly						
		due to presence of pyrrhotite.						

Wayne Kuntz
July, 1966
Val d'Or, P.Q.

FORM S22-3500-11-65-NPC

DIAMOND DRILL REPORT

HOLE NO. QR-5

NORTH 3 + 10 North of Base Line
EAST. on XL-28 + 00 E
ELEV.
AZIM. Collar - Ast. South
DIP Collar - 45° 200' - 47°
395' - 43°

PROPERTY ROY GROUP (JOANNES TWP.)

COMMENCED March 30, 1966.
FINISHED April 1, 1966.
PURPOSE OF HOLE Exploration - E.M. Conductor Magnetic Anomaly

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	8.0	Overburden - casing.						
8.0	266.0	Intermediate to acid volcanic	8.0	25.0	16.4	17.0		
		- fine grained and massive except	25.0	50.0	23.8	25.0		
		where veined by alteration products	50.0	75.0	23.7	25.0	Au Ag	Cu - Ni
		and concentrations of sulphides	17.0	18.0	1.0	1.0	Nil Nil	6276 Nil
		(pyrite-pyrrhotite).	23.5	25.0	1.3	1.5	" "	-77
		Some more chloritic parts and	26.0	29.0	2.9	3.0	" "	-78 "
		remainder almost cherty.	29.0	32.0	3.0	3.0	" "	-79
		Cherty parts as follows -	35.7	36.7	0.9	1.0	" "	-80
		16.0 to 21.3, 40.2 to 41.2, 51.5 (1"), 100.8	39.5	41.5	2.0	2.0	" "	-81 "
		to 105.7, 109.5 to 110.5,etc.	43.0	44.0	1.0	1.0	" "	-82 "
			52.0	54.0	1.9	2.0	" "	-83
		Volcanic could be of tuffaceous	60.0	61.5	1.5	1.5	" "	-84
		origin (?)	61.5	63.0	1.5	1.5	" "	-85
			63.0	64.2	1.2	1.2	" "	-86
		There is an increase in	72.0	73.6	1.6	1.6	" "	-87
		feldspar alteration (albite?) with	74.6	75.6	1.0	1.0	" "	-88 "
		depth, as fracture fillings and						
		general bleaching as well as	75.0	100.0	24.4	25.0		
		occurrences of concentrations	100.0	125.0	24.7	25.0		
		of sulphides - pyrrhotite-pyrite.	125.0	150.0	24.6	25.0		
			150.0	175.0	24.5	25.0		
			175.0	200.0	24.3	25.0		
			200.0	225.0	24.2	25.0		

FORM S22-3500-11-65-NPC

NORTH
EAST
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-5 Page 2

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY		DESCRIPTION OF SAMPLE	Ni
		Veining occurs as follows - 24.3 (½"),	78.0	82.0	4.0	4.0	Nil	Nil	6289	Nil
		24.4 (½"), 27.0 (½"), 32.0 (½"), 36.0 to 36.2	82.0	83.0	1.0	1.0	"	"	-90	"
		(w pyrite), 38.8 (½"), 41.4 (½"), 43.5 (2"),	83.0	86.5	3.1	3.5	"	"	-91	"
		55.5 (½"), 72.9 (½"), 79.1 (2"), 100.2 (½"),	88.5	90.7	2.2	2.2	"	"	-92	"
		112.1 (1"), 113.8 (½"), 112.3 to 112.5 (Sil.),	90.7	92.8	2.1	2.1	"	"	-93	"
		113.1 to 113.2 (Sil.), 115.4 to 116.6 (Sil.),	99.0	100.9	1.7	1.9	"	"	-94	"
		117.1 (2"-Sil.), 124.0 to 124.5 (Sil.), 129.4	100.9	104.2	3.3	3.3	"	"	-95	"
		(½" Sil.), 131.2 (½"), 131.6 to 132.9 (Sil.),	104.2	106.2	1.9	2.0	"	"	-96	"
		134.7 to 136.1 (Sil.), 137.2 (1"), 144.3 (½"),	106.2	108.8	2.6	2.6	"	"	-97	"
		144.6 (½"), 150.3 (½"), 157.0 (½"), 157.1 (½"),	108.8	110.0	1.2	1.2	"	"	-98	"
		157.3 (½"), 171.6 (½"), 199.0 (½"), 204.6 to	114.8	116.6	1.7	1.8	"	"	-99	"
		204.7, 210.2 (½"), 228.0 (2" w arsenopyrite),	120.7	123.5	2.8	2.8	"	"	6300	"
		230.4 (1"), 244.6 (½"), 258.1 (½"), 262.9 (½").	124.8	127.0	2.2	2.2	"	"	-01	"
		Compound fractures filled with feldspathic	131.0	133.5	2.5	2.5	"	"	-02	"
		material as follows - 17.0 to 18.0, 20.6 to	134.5	136.7	2.2	2.2	"	"	-03	"
		20.8, 22.2 to 22.6, 24.0 to 24.4, 26.1 to 28.7,	138.5	140.0	1.5	1.5	"	"	-04	"
		29.3 to 31.5, 43.4 to 43.6, 46.4 to 46.9, 56.7	143.7	146.0	2.2	2.3	"	"	-05	"
		to 57.0, 57.7 to 58.0, 60.7 to 62.2, 63.4 to	147.8	149.0	1.2	1.2	"	"	-06	"
		64.0, 72.0 to 72.2, 74.9 to 75.6, 78.3 to 81.5,	149.0	153.0	4.0	4.0	"	"	-07	"
		82.4 to 83.3, 84.4 to 85.0, 85.8 to 86.1, 89.5	153.0	154.4	1.4	1.4	"	"	-08	"
		to 92.8, 95.0 to 98.6, 105.3 to 107.3, 114.8 to	158.5	160.0	1.4	1.5	"	"	-09	"
		etc.	173.0	176.0	3.0	3.0	"	"	-10	"
		Most of core appears so with higher bleached	187.5	190.0	2.5	2.5	"	"	-11	"
		sections carrying the concentrations of sulphides	190.0	193.4	3.2	3.4	"	"	-12	"
		described below.	193.4	195.8	2.4	2.4	"	"	-13	"
			195.8	196.5	0.7	0.7	"	"	-14	"

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY. ROY GROUP (JOANNES TWP.)

HOLE NO. QR-5 Page 3

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES						DESCRIPTION OF SAMPLE	
			FROM	TO	RECOV.	WIDTH	ASSAY			
		Concentrations of up to 10-15%	196.5	197.8	1.3	1.3	Nil	Nil	6315	Nil
		disseminated sulphides as follows (mostly in	199.0	200.0	1.0	1.0	"	"	-16	"
		finely fractured, feldspar injected	202.5	206.5	3.9	4.0	"	"	-17	"
		matter) - 17.6 to 18.0, 19.0 (½"),	208.4	210.0	1.6	1.6	"	"	-18	"
		19.5 (½"), 20.4 to 20.7, 24.0 to 24.4,	211.0	212.4	1.4	1.4	"	"	-19	"
		26.2 to 28.3, 29.3 to 30.0, 31.0 (½"),	213.7	217.2	3.4	3.5	"	"	-20	"
		31.3 to 31.8, 32.7 (1"), 39.5 to 41.1, 41.4 (2"),	218.2	222.0	3.7	3.8	"	"	-21	"
		42.3 to 42.4, 43.4 to 43.5, 48.3 (1"), 52.0 to								
		54.0, 60.0 to 61.2, 62.3 to 62.4, 63.4 to	225.0	250.0	24.7	25.0				
		64.1, 72.0 to 72.2, 72.9 (1"), 73.4 (1"),	250.0	266.0	15.8	16.0				
		74.9 to 75.6, 78.3 to 78.9, 80.4 (1"), 82.3 to	227.6	228.5	0.9	0.9	Nil	Nil	6322	"
		82.8, 84.4 to 85.0, 85.4 (1"), 85.7 to 86.1,	228.5	231.0	2.5	2.5	"	"	-23	"
		86.4 (½"), 88.7 to 88.8, 89.7 to 90.2,	232.5	233.5	1.0	1.0	"	"	-24	"
		90.7 to 92.8, 94.5 (½"), 99.2 to 99.7,	236.9	238.2	1.3	1.3	"	"	-25	"
		100.9 to 104.2, 104.5 (1"), 105.3 to 105.7,	239.3	241.0	1.6	1.7	"	"	-26	"
		106.8 (1"), 108.1 (2"), 108.8 to 109.6,	246.3	249.2	2.7	2.9	"	"	-27	"
		114.8 to 116.6, 120.7 to 122.7, 123.3 to	250.0	251.0	1.0	1.0	"	"	-28	"
		123.5, 124.8 to 125.3, 126.1 to 126.8,	251.0	254.0	3.0	3.0	"	"	-29	"
		128.7 (2"), 129.2 (2"), 131.2 to 131.4, 131.7	254.0	257.2	3.2	3.2	"	"	-30	"
		to 132.7, 133.1 to 133.3, 136.1 to 136.7,								
		138.2 to 138.3, 138.7 (½"), 138.9 to 139.1,								
		139.2 to 139.8, 144.0 to 144.6, 145.4 to								
		145.7, 147.8 to 149.0 (massive from 148.3								
		to 148.7), 149.5 to 149.8, 150.2 to 150.3, 150.6								
		to 150.8, 151.1 to 151.2, 151.6 (½"), 152.2 to								
		152.4, 153.0 to 154.3, 158.6 to 158.7, 159.3 to								

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-5 Page 4
COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		159.5, 173.1 to 173.4, 173.7 to 175.6, 177.6 (2"),						
		187.7 to187.9, 190.9 (1"), 191.3 (1"), 191.7 to						
		193.3, 193.7 (2"), 194.1 to 194.2, 195.8 to 196.5,						
		196.8 to 197.0, 197.6 to 197.8, 199.2 to						
		199.5, 203.3 to 204.1, 205.3 to 205.6, 206.3 to						
		206.4, 208.4 to 208.7, 208.9 (½"), 209.6 (½"),						
		212.3 to 212.4, 213.7 to 214.1, 214.4 (2"),						
		214.7 to 214.9, 215.1 to 217.2, 219.0 to 219.2,						
		220.2 to 221.0, 221.4 to 222.0, 223.2 (1"),						
		228.8 to 229.0, 232.9 to 233.2, 236.9 to 238.1,						
		239.3 to 240.9, 242.2 to 242.8, 246.3 to 247.5,						
		248.3 to 249.1, 250.3 to 250.5, 251.2 to 253.6,						
		253.9 to 254.0, 254.3 (1"), 254.6 to 255.5, 255.9						
		to 257.2					Au Ag	
266.0	296.0	Sheared and mineralized acid tuff - contact	266.0	275.0	8.9	9.0		Nil
		gradational, light grey to buff coloured,	275.0	296.0	20.6	21.0		
		fine to medium grained - more acid than above	285.0	290.0	4.9	5.0	Nil Nil	6321 Nil
		volcanic (tuff?), shearing at 40-45° to core.						
		Sulphides (pyrite and pyrrhotite) along shear						
		planes.						
		Quartz veining as follows - 270.3 (½"), 274.6 (½"),						
		274.7 (½"), 274.8 (½"), 275.4 (½"), 275.6 (½")						
		290.6 (½").						
		Sulphides confined to pyrrhotite along shear						
		planes.						

FORM S22-3500-11-65-NPC

NORTH
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AZIM.
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DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-5 Page 5
COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE	
296.0	351.3	Intermediate to acid volcanic - as	296.0	325.0	28.5	29.0			
		above.	325.0	351.3	25.9	26.3	Au Ag		Nil
		Quartz veining as follows -	297.5	299.5	2.0	2.0	Nil Nil	6332	Nil
		299.1 (½"), 299.5 (½"), 300.2 to 300.5 (½" w	306.1	306.7	0.6	0.6	" "	-33	"
		sulphides), 303.0 (½"), 310.6 (½"), 311.2 to	310.0	312.0	1.9	2.0	" "	-34	"
		311.6 (w pyrrhotite and pyrite), 313.9 (½"),	315.0	316.5	1.3	1.5	" "	-35	"
		315.6 (½"), 318.8 (½" w pyrite), 322.9 (1" w	318.5	319.1	0.6	0.6	" "	-36	"
		pyrite), 334.5 (½" w pyrite and pyrrhotite)	324.1	324.7	0.6	0.6	" "	-37	"
		344.8 (1" w pyrite), 344.9 (½" w pyrite).	325.3	327.5	2.0	2.2	" "	-38	"
			330.5	331.6	0.9	1.1	" "	-39	"
		Zones of sulphides are 10% and more occur as	333.6	336.1	2.4	2.5	" "	-40	"
		follows - (pyrrhotite - Po, pyrite - Py) -	337.0	339.2	2.2	2.2	" "	-41	"
		297.8 to 299.5 (15% Py), 306.1 to 306.7 (8% Py),	339.2	342.5	3.3	3.3	" "	-42	"
		315.6 to 316.2 (10% Py), 318.5 to 319.1 (18% Py),	342.5	346.1	3.5	3.6	" "	-43	"
		321.4 (1" - 15% Py), 324.3 to 324.5 (95% Po),	346.1	351.3	5.0	5.2	" "	-44	"
		325.3 to 325.6 (15% Py,Po), 325.8 to 327.4 (80%							
		Po,Py), 329.5 to 329.7 (15% Py), 330.5 to 331.6							
		(Py-40%), 332.6 to 332.8 (60%-Py), 333.6 to 333.9							
		(80% Py), 334.3 to 334.4 (15% Py), 334.5 to 335.0							
		(80% Py), 335.3 to 336.1 (70% Py), 336.8 to 336.9							
		(80% Py), 337.0 to 339.1 (85% Py), 339.6 to 339.7							
		(70% Py), 340.1 to 341.1 (10% Py), 341.5 to 342.5							
		(40% Py), 343.4 to 343.8 (15% Py), 344.4 to 346.1							
		(40% Py), 348.0 to 348.2 (20% Py), 349.1 to 350.1							
		(30% Py), 350.5 (1" - 20% Py).							

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-5 Page 6

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
							Au Ag	
351.3	366.5	Agglomerate - acidic light grey	351.3	366.5	14.5	15.2		Ni
		with ½" fragments stretched	351.3	353.8	2.4	2.5	" "	6345 Nil
		parallel to shearing (70° to core -	355.0	356.6	1.6	1.6	" "	-46 "
		also bedding?)						
		Veining confined to sulphides						
		which are probably replacement						
		type. This is almost entirely						
		pyrite and occurs as follows -						
		351.3 to 352.4 (50% Py), 353.2 to 353.8						
		(70% Py), 354.9 to 356.5 (95% Py).						
		Contacts are gradational.						
366.5	395.0	Intermediate to acid volcanic - tuffaceous (?)	366.5	375.0	7.9	8.5		
		and well sheared at 50° to core	375.0	395.0	19.4	20.0		
		sericitic and somewhat chloritic						
		Some minor carbonate veining and						
		few sulphides.						
395.0		End of Hole.						
NOTE		Sulphides probably explanatory of						
		conductor and magnetic response.						
		Wayne Hanka						
		July, 1966						
		Val d'Or, PQ						

FORM S22-3500-11-65-NPC

NORTH 14 + 00 North of Base Line
EAST. on XL-28 + 00 E
ELEV.
AZIM. Collar - Due South
DIP Collar - 45° 550' - 37°

DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-6
COMMENCED April 6, 1966.
FINISHED April 13, 1966.
PURPOSE OF HOLE Exploration - "Magnetic" Anomaly - "EM" Conductor

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	12.0	Overburden - casing.					Au Ag	
12.0	33.2	Breccia - acid volcanic, well	12.0	33.2	20.9	21.2		Cu - %
		brecciated into fragments up to	22.8	24.3	1.5	1.5	Nil Nil	6362
		1" in diameter with whitish and						
		finer grained intergranular						
		material.						
		Sheared from 30.8 to 33.2						
		at 50° to core.						
		At 14.5 to 15.0 inclusion or large						
		fragment.						
		Quartz veining at 12.9 (1"), 22.9 to						
		24.2 (40° and 20° to core).						
		There are few sulphides.						
33.2	34.2	Shear zone - strongly sheared,	33.2	34.2	0.9	1.0		
		schistose, sericitic acid volcanic.						
		Mineralized with fine pyrite						
		at 33.8 to 33.9.						
34.2	114.4	Intermediate volcanic - bleached	34.2	50.0	15.6	15.8		
		where sulphides present	50.0	75.0	24.5	25.0		
		otherwise massive, medium to	75.0	100.0	24.5	25.0		
		fine grained, dark green.	100.0	114.4	14.0	14.4		

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-6

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au Ag ASSAY	DESCRIPTION OF SAMPLE	Ni
		Where bleached also somewhat	34.2	36.0	1.8	1.8	Nil Nil	6347	Nil
		brecciated.	36.0	38.8	2.8	2.8	" "	-48	"
		Bleaching occurs as follows -	38.8	40.7	1.9	1.9	" "	-49	"
		34.2 to 50.1, 50.7 to 50.9, 53.0 to 59,	40.7	43.5	2.8	2.8	" "	-50	"
		59.6 to 64.1, 85.9 to 93.5, 104.8 to 114.4.	43.5	44.8	1.3	1.3	" "	-51	"
		Concentrations (10%) sulphides,	44.8	46.6	1.8	1.8	" "	-52	"
		- pyrrhotite-pyrite - occur as follows -	46.6	50.0	3.3	3.4	" "	-53	"
		34.5 to 34.8, 35.3 to 36.0 (80% Po), 36.7 to	53.0	55.0	2.0	2.0	" "	-54	"
		37.0 (70% Po), 37.3 (½"), 37.8 (½"), 38.2 (½"),	55.0	60.0	4.9	5.0	" "	-55	"
		38.3 (½"), 38.6 (1"), 38.9 to 41.2 (75% PyPo),	63.6	64.2	0.6	0.6	" "	-56	"
		42.5 (½"), 42.8 (1"), 43.5 to 44.8 (15% PoPy),	85.8	90.8	5.0	5.0	" "	-57	"
		45.0 to 46.5, 47.3 (½"), 47.7 to 50.1,	105.5	109.0	3.5	3.5	" "	-58	"
		53.2 (1" Po), 54.2 to 55.0 (8%), 55.6 to 58.1,							
		58.5 to 59, 59.5 to 60.0, 85.9 to 88.2,							
		88.6 to 89.2, 89.7 to 90.0, 90.5 to 90.8,							
		105.9 to 110.0.							
		Quartz veining occurs as follows -							
		40.6 (½"), 43.6 to 44.6 (sulphides),							
		45.2 to 45.4, 45.5 to 46.5 (W sulphides) -							
		vein intruded post sulphide mineralization -							
		55.5 (½"), 63.6 to 64.0, 68.1 (½"), 74.5 to							
		74.6 (W sulphides), 82.8 (½"), 113.0 (½").							
114.4	126.2	Brecciated acid to intermediate	114.2	126.2	11.7	12.0			
		volcanic - similar to above except							
		more albitization as intergranular							

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-6 Page 3

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		fillings and more massive material						
		as follows - 116.5 to 117.7, 122.5 to						
		123.4, 124.0 to 124.4.						
		Little if any sulphides and						
		veining confined to albite.						
							Au Ag	
126.2	161.1	Intermediate volcanic - similar to	126.2	150.0	23.4	23.8		Ni
		that above at 34.2 to 114.4 - contact	150.0	161.1	10.8	11.1		
		with following tuffs gradational.	130.4	131.7	1.3	1.3	Nil Nil	6359 Nil
		Dark green chloritic volcanic.	133.5	134.1	0.6	0.6	" "	-60 "
		Bleaching as follows - 130.5 to	136.0	136.5	0.5	0.5	" "	-61 "
		131.9, 132.9 to 133.4, and few other	137.5	138.5	1.0	1.0	" "	-63 "
		places.	139.0	140.0	1.0	1.0	" "	-64 "
		Sulphide occurrences as follows	140.0	142.2	2.2	2.2	" "	-65 "
		(up to 10%) - 130.5 to 131.2, 131.4 to 131.9,	148.8	149.3	0.5	0.5	" "	-66 "
		132.2 ($\frac{1}{2}$"), 134.0 to 134.8, 137.6 (2"),	150.5	151.1	0.6	0.6	" "	-67 "
		139.3 to 139.6, 140.0 to 141.3, 150.5 to 151.1,	154.4	155.5	1.1	1.1	" "	-68 "
		154.5 to 155.2, 155.5 ($\frac{1}{2}$").						
		Quartz veining is as follows -						
		133.6 to 134 (W sulphides), 136.4 (1"), 138.0						
		to 138.2, 139.0 ($\frac{1}{2}$"), 141.7 ($\frac{1}{2}$"), 142.1 (1"),						
		146.7 ($\frac{1}{2}$"), 149.0 to 149.1, 154.5 to 155.0,						
		161.0 ($\frac{1}{2}$").						

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-6

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au Ag ASSAY	DESCRIPTION OF SAMPLE
161.1	211.3	Intermediate tuff - medium to fine	161.1	175.0	13.6	13.9		
		grained, grey, fairly massive	175.0	200.0	24.3	25.0		
		volcanic. Bedded and/or sheared	200.0	211.3	11.0	11.3		Nil
		at 45° to core.	166.0	166.5	0.5	0.5	Nil Nil	6369 Nil
		Little sulphides throughout.	167.5	169.0	1.5	1.5	" "	-70 "
		Quartz veining as follows - 183.3 (½"),	194.0	195.0	1.0	1.0	" "	-71 "
		186.6 (½"), 194.6 (2" w sulphides), 204.7 (½"),	203.5	205.0	1.5	1.5	" "	-72 "
		205.3 to 208.2 (mixture of quartz and	205.0	208.3	3.1	3.3	" "	-73 "
		wallrock and some sulphides).						
		Contacts gradational -						
		Some concentration of sulphide as						
		follows - 166.2 to 166.4, 167.5 to 168.8.						
211.3	299.1	Intermediate volcanic - could be	211.3	225.0	13.5	13.7		
		tuffaceous (?), fairly chloritic and	225.0	250.0	24.5	25.0		
		massive becoming more acidic	250.0	275.0	24.8	25.0		
		with depth. Slight shearing (?)	275.0	299.1	23.7	24.1		
		at 45-70° to core.	230.6	232.5	1.9	1.9	Nil Nil	6374
		Little sulphides throughout.	252.8	253.5	0.7	0.7	" "	-75
		Quartz veining as follows - 230.7 to						
		231.4, 231.9 to 232.5, 233.4 (½"), 253.0 to						
		253.1, 253.3 to 253.4, 259.0 to 259.1, 290.6 (½")						
		295.3 (2"), 298.9 (½").						

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-6 Page 5

COMMENCED
FINISHED
PURPOSE OF
HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au Ag ASSAY	DESCRIPTION OF SAMPLE
299.1	330 (?)	Agglomerate - as in Hole QR-1,	299.1	330.0	30.1	30.9		Nil
		351.1 to 409.0 cherty fragments	301.5	303.9	2.4	2.4	Nil Nil	6376 Nil
		stretched along bedding and/or	323.0	327.0	3.9	4.0	" "	-77 "
		shearing at 65° to core and up to						
		1" wide.						
		Occasional sulphides as follows -						
		301.9 to 303.8 and some in rest of						
		core.						
		Quartz veining as follows - 323.3 (½"),						
		323.3 (½"), 324.0 (½"), 324.4 (½"),						
		324.5 (½"), 324.6 (1"), 324.8 to 324.9,						
		325.4 (½"), 325.7 (½"), 326.4 (½").						
330 (?)	551.0	Agglomeritic - tuffaceous intermediate	330.0	350.0	19.5	20.0		
		volcanic - mainly tuff - contact	350.0	375.0	24.7	25.0		
		gradational - shearing and/or	375.0	400.0	24.5	25.0		
		bedding at 60° to core.	400.0	425.0	24.6	25.0		
		Concentrations of sulphides as	425.0	450.0	24.5	25.0		
		follows - 330.0 to 331.0, 331.4 to 332.2,	450.0	475.0	24.6	25.0		
		332.9 to 333.3, 334.5 (½"), 335.7 to 336.6,	475.0	500.0	24.2	25.0		
		337.1 to 337.2, 337.5 to 338.1,	500.0	525.0	24.2	25.0		
		338.5 (½"), 338.7 to 339.1, 339.8 to 340.2,	525.0	551.0	25.2	26.0		
		340.4 to 340.7, 341.2 to 341.7, 343.5 (1"),						
		346.6 to 349.3, 349.8 to 351.5, 352.0 to 352.2,	330.0	333.3	3.1	3.3	Nil Nil	6378 Nil
		353.2 (1"), 354.1 (1"), 355.7 to 356.6,	335.9	339.2	3.3	3.3	" "	-79 "
		357.7 (1"), 397.2 to 397.5, 398.1 (½"),	339.2	341.7	2.4	2.5	" "	-80 "

FORM 522-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-6

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au Ag ASSAY	DESCRIPTION OF SAMPLE	Ni
		398.3 (1"), 398.6 to 400.4, 401.0 to 402.2,	346.7	350.0	3.2	3.3	Nil Nil	6381	Nil
		403.7 to 404.1, 405.5 to 407.1, 408.1 to 408.3,	350.0	352.2	2.2	2.2	" "	-82	"
		410.8 to 410.9, 411.6 to 412.1, 412.4 to 412.6,	366.0	367.2	1.2	1.2	" "	-83	"
		413.0 to 413.2, 414.8 to 415.9, 418.6 to 419.4,	383.8	385.0	1.2	1.2	" "	-84	"
		420.0 to 420.2, 420.6 to 420.8, 432.6 to 432.8,	386.0	387.5	1.5	1.5	" "	-85	"
		433.2 (1"), 434.7 to 435.0, 435.6 to 437.2,	397.2	402.2	4.9	5.0	" "	-86	"
		440.0 to 440.4, 441.2 to 444.4,	440.3	441.2	0.9	0.9	" "	-87	
		446.4 to 448.1, 450.0 to 450.8, 452.5 to 454.9,	447.0	451.5	4.4	4.5	" "	-88	Nil
		455.6 to 456.2, 458.2 to 458.5,	456.4	461.0	4.5	4.6	" "	-89	"
		463.6 to 470.5, 471.5 to 472.8, 474.2 to 475.5,	461.0	464.2	3.1	3.2	" "	-90	"
		486.4 to 486.9, 489.2 to 489.5,	467.0	468.0	1.0	1.0	" "	-91	
		490.0 to 490.5, 496.6 to 496.7, 497.1 to 497.6,	484.5	486.0	1.5	1.5	" "	-92	
		498.8 to 499.6, 503.6 to 505.6, 506.7 to 507.4,	497.0	501.0	4.0	4.0	" "	-93	Nil
		527.1 to 527.5, 533.4 to 533.7.	501.0	505.2	4.2	4.2	" "	-94	"
			505.2	507.6	2.4	2.4	" "	-95	"
		Interbedding of siliceous cherty							
		material with more chloritic							
		basic material (similar to QR-5							
		at 8.0 to 266.0) in places.							
		Bedding and/or shearing more							
		pronounced in sericitic cherty							
		material.							
		Quartz veining occurs as follows -							
		348.7 to 348.9, 349.4 (¼"),							
		349.7 (½"), 350.3 (½"), 351.1 to 351.4,							
		(sulphides) 353.5 to 353.8 (sulphides),							

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-6 Page 7

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		355.5 to 355.7 (sulphides), 358.9 to 359.3						
		(sulphides,brecciated), 361.9 (½"), 366.1 to						
		366.7 (some sulphides and brecciated), 367.0 (½"),						
		367.1 (½"), 370.1 to 370.2, 370.5 (½"), 371.5 (½")						
		383.8 to 384.9 (brecciated and sulphides) 385.9						
		to 386.2 (brecciated and sulphides), 387.1 to						
		387.2 (brecciated and sulphides), 388.8 (½"),						
		389.4 (½"), 390.6 (½"), 392.1 (1"), 393.7 to						
		393.9, 395.7 (½"), 409.9 to 410.0, 414.2 (½"),						
		416.7 (½"), 421.5 (½"), 426.5 (½"), 440.4 to						
		440.6, 440.8 (½"), 440.9 (½"), 447.4 (½"),						
		448.4 (½"), 448.5 (½"), 448.9 to 449.3, 449.6						
		to 449.7 (W sulphides), 449.8 to 450.0 (W sulphides),						
		450.4 to 450.5, 450.8 (1"), 451.1 (½"), 451.3 (2"),						
		456.3 to 464.2 (brecciated, W wallrock, and						
		sulphides), 467.3 to 467.6 (brecciated, W sulphides),						
		484.9 (1" W sulphides), 485.3 (1" W sulphides),						
		485.9 (½"), 497.1 to 497.2 (W sulphides), 496.3						
		to 496.8, 499.3 (½"), 499.7 (1" W sulphides),						
		500.2 to 500.9, 502.6 to 503.0 (Brecciated W						
		sulphides), 503.3 (2"), 504.6 (½"), 505.2 to						
		507.6 (brecciated, W sulphides), 513.4 (½"),						Wayne Kends
		515.6 (½").						July, 1966
		Shear at 454.1 to 454.7 at 75° to core.						Val d'Or, PQ
551.0		End of Hole.						

FORM S22-3500-11-65-NPC

NORTH 6 + 60 North of Base Line
EAST. on XL - 28 + 00 E
ELEV.
AZIM. Collar - Due South
DIP Collar - 45° 450' - 40°

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-7
COMMENCED April 15, 1966.
FINISHED May 7, 1966.
PURPOSE OF HOLE Exploration of "EM" Conductor

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	9.0	Overburden - casing.					Au Ag	CU NI ZN
9.0	454.0	Volcanic - acid to intermediate -	9.0	25.0	15.1	16.0		
		massive but could be tuffaceous (?).	25.0	50.0	24.5	25.0		
		Some brecciated sections (angular	50.0	75.0	24.5	25.0		
		fragments) - agglomeritic (?) as follows -	75.0	100.0	24.7	25.0		
		19.5 to 20.8, 22.3 to 30.7, 60.9 to 61.3,	100.0	125.0	24.6	25.0		
		65.6 to 65.8, 67.1 to 67.5, 70.4 to 71.8,	125.0	150.0	24.5	25.0		
		72.8 to 73.3, 73.8 to 74.6, 104.2 to 105.2,	150.0	175.0	24.6	25.0		
		109.0 to 109.2.	175.0	200.0	24.7	25.0		
			200.0	225.0	24.8	25.0		
		Possibly more tuffaceous bands						
		with depth from 100.0 on. Some more	26.0	27.0	1.0	1.0	Nil	6396
		basic andesitic section.	47.5	48.0	0.5	0.5	"	-97
		Veining (quartz-carbonate) occurs as follows -	53.0	56.0	2.8	3.0	"	-98
		20.0 (¼"), 26.4 to 26.5, 26.6 (½"), 27.2 (½"),	58.0	58.8	0.8	0.8	"	-99
		54.6 (½"), 55.6 to 55.7, 59.9 to 60.7, 67.5 (1"),	59.5	60.7	1.2	1.2	"	6400
		70.2 (½"), 93.2 (½"), 94.2 to 94.3, 95.0 (½"),	60.7	61.5	0.8	0.8	"	-01
		95.3 (1"), 97.9 to 98.0, 99.6 (½"), 106.6 (½"),	65.0	66.0	1.0	1.0	"	-02
		106.8 (½"), 107.7 (½"), 107.8 (½"), 118.0 (½"),	70.0	72.3	2.3	2.3	"	-03
		124.8 to 125.5 (pyrite), 132.9 (½"), 133.4 (½"),	72.3	76.6	4.3	4.3	"	-04
		134.3 (½"), 135.2 (½"), 135.5 (½"), 135.6 (½"),	84.0	86.3	2.3	2.3	"	-05
		138.6 (½"), 140.0 to 140.4, 168.4 (pyrite - 1"),	86.3	88.0	1.7	1.7	"	-06
		168.6 to 168.8, 169.6 (1"), 171.1 (1"), 172.0 to	91.0	92.5	1.5	1.5	"	-07
		172.2, 175.9 to 176.1, 176.7 (½"), 176.8 to 176.9,	92.5	95.5	3.0	3.0	"	-08
		177.3 to 177.8, 178.1 to 178.8 (irregular 2" w	95.5	100.0	4.3	4.5	"	-09

FORM S22-3500-11-65-NPC

NORTH_____
EAST. _____
ELEV. _____
AZIM. _____
DIP_____

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-7

COMMENCED_____
FINISHED_____
PURPOSE OF HOLE_____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		pyrite), 195.6 to 195.9, 196.1 (1"), 198.8 (½")	100.0	103.4	3.4	3.4	"	6410
		199.7 (½"), 200.3 to 200.4, 200.8 (½"), 201.0	106.5	109.0	2.5	2.5	"	-11
		to 201.2, 201.3 (½"), 208.1 to 208.2, 208.8 to	114.0	115.0	1.0	1.0	"	-12
		209.0, 210.8 to 211.1, 211.4 (½"), 219.1 (½"),	115.0	119.0	3.9	4.0	"	-13
		221.3 to 222.4, 223.2 (½"), 223.3 (½"), 223.4	124.5	125.6	1.1	1.1	"	-14
		(½"), 223.6 (½"), 223.9 (½"), 224.1 (½"),	125.6	129.0	3.4	3.4	"	-15
		225.3 (½"), 228.7 (½"), 240.5 to 241.2 (w	140.0	140.5	0.5	0.5	"	-16
		sulphides), 246.7 (½"), 259.0 (1"), 264.9 (½"),	140.5	145.0	4.4	4.5	"	-17
		269.4 (½"), 275.5 to 275.8 (w sulphides), 277.3	145.0	150.0	5.0	5.0	"	-18
		to 277.7 (w sulphides), 280.9 to 281.0, 286.7	156.0	157.5	1.4	1.5	"	-19
		(½"), 288.0 (½"), 289.2 to 289.3, 294.7 (½"),	167.5	170.0	2.5	2.5	"	-20
		295.2 (½"), 298.4 (½"), 299.5 to 299.6.	171.0	172.5	1.5	1.5	"	-21
			175.8	179.0	3.1	3.2	"	-22
		There is some shearing at 60-70°	185.0	190.0	4.8	5.0	"	-23
		to core.	190.0	194.0	3.9	4.0	"	-24
		Some sections are well bleached	195.0	196.5	1.4	1.5	"	-25
		and contain sulphides up to 15-20%	200.0	201.5	1.5	1.5	"	-26
		(pyrrhotite-pyrite).	202.8	205.7	2.9	2.9	"	-27
		The core is somewhat	205.7	210.0	4.3	4.3	"	-28
		mineralized throughout but especially	210.0	212.0	1.9	2.0	"	-29
		where shearing and/or bedding is	212.0	215.0	3.0	3.0	"	-30
		present (structural relationship?). As	215.0	220.0	5.0	5.0	"	-31
		follows - 26.2 to 26.6, 47.7 to 47.9, 58.1 to	220.0	225.0	5.0	5.0	"	-32
		58.6, 60.9 to 61.3, 65.5 to 65.8, 70.8 to 71.5,	228.5	230.0	1.4	1.5	"	-33
		71.7 (2"), 72.2 to 72.3, 73.0 to 73.3, 73.8 to	233.8	235.4	1.6	1.6	"	-34
		74.3, 74.8 to 76.6, 84.9 to 86.3, 86.8 to 87.0,	235.4	240.5	5.0	5.1	"	-35

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-7

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		87.5 to 87.7, 91.1 to 91.6, 92.0 to 92.4, 99.4	240.5	241.3	0.8	0.8	Au Ag Nil -	6436
		to 100.5, 100.8 to 103.4, 107.8 to 108.9,	241.3	243.6	2.1	2.3	"	-37
		110.1 to 110.6, 114.1 to 114.4, 116.0 to 116.2,	243.6	245.8	2.1	2.2	"	-38
		116.5 to 118.9, 138.7 to 139.0, 141.2 to 143.4,	245.8	248.5	2.7	2.7	"	-39
		145.9 to 147.8, 148.4 (1"), 149.8 (1"), 156.3	248.5	251.3	2.8	2.8	"	-40
		to 157.2, 185.0 to 186.4, 188.1 (1"), 190.2	253.4	255.1	1.6	1.7	"	-41
		to 191.3, 193.6 (2"), 202.9 to 203.2, 203.7	261.0	262.2	1.2	1.2	"	-42
		to 204.8, 207.6 to 208.7, 213.3 to 214.0,	265.7	267.3	1.6	1.6	"	-43
		216.8 to 218.5, 229.2 to 230.0, 233.9 to	268.7	270.2	1.5	1.5	"	-44
		234.6, 235.4 to 237.7, 238.1 to 240.5, 242.2	271.7	273.0	1.3	1.3	"	-45
		to 243.6, 244.2 (1"), 245.8 to 246.5,	274.6	278.8	4.2	4.2	"	-46
		247.3 to 248.5, 249.0 to 251.3, 253.5 to	285.4	289.0	3.5	3.6	"	-47
		255.0, 261.1 to 261.3, 261.9 to 262.1, 265.0	291.0	293.0	2.0	2.0	"	-48
		to 267.2, 269.5 to 270.2, 271.6 (2"), 272.0 (1"),	312.2	313.0	0.8	0.8	"	-49
		272.7 to 273.1, 274.7 (2"), 276.8 to 278.0,	325.7	327.0	1.3	1.3	"	-50
		278.5 to 278.8, 285.4 to 287.0, 287.5 to	334.0	335.2	1.1	1.2	"	-51
		287.7, 288.0 to 289.0, 291.1 to 291.6,	360.0	361.4	1.4	1.4	"	-52
		292.3 to 293.0, 296.0 (2"), 298.1 (1"),	362.1	365.0	2.7	2.9	"	-53
		309.3 to 309.5, 312.3 to 312.9, 322.6 (1"), 325.8	365.0	370.0	5.0	5.0	"	-54
		to 326.9, 331.0 to 331.3, 334.4 (2"), 334.7 to	370.0	374.1	4.1	4.1	"	-55
		335.1, 338.4 to 338.5, 352.3 (½"), 360.4 to	378.5	379.5	1.0	1.0	"	-56
		361.2, 362.3 to 368.0, 368.7 to 370.2, 371.4	380.0	383.5	3.4	3.5	"	-57
		to 374.1, 378.7 to 379.2, 380.0 to 383.3, 386.2	386.2	387.3	1.1	1.1	"	-58
		to 386.9, 393.2 to 395.0, 396.4 to 397.5,	393.2	395.2	2.0	2.0	"	-59
		398.6 to 399.4, 401.2 to 401.4, 402.4 to 403.0,	396.4	397.6	1.0	1.0	"	-60
		407.0 to 407.2, 409.6 to 411.9, 412.6 to 413.0.	398.6	399.4	0.8	0.8	"	-61

FORM 522-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROX GROUP (JOANNES TWP.)

HOLE NO. QR-7 Page 4

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		Silicified (cherty) sections as follows -	225.0	250.0	24.5	25.0		
		356.4 to 358.3, 359.1 to 361.4, 362.1 to	250.0	275.0	24.7	25.0		
		374.1, 378.7 to 379.4, 380.0 to 383.4,	275.0	300.0	24.8	25.0		
		385.9 to 386.0, 386.3 to 387.5, 388.8 to 389.5,	300.0	325.0	24.1	25.0		
		390.5 to 391.6, and few other places.	325.0	350.0	24.6	25.0		
			350.0	375.0	24.8	25.0		
		(Quartz veins continued) - 305.1 (½"),	375.0	400.0	24.7	25.0		
		311.5 (½"), 312.3 to 312.9, 313.3 (1"), 314.0 (1")	400.0	425.0	24.6	25.0		
		322.2 (1"), 326.3 (½"), 326.8 to 326.9,	425.0				Au Ag	
		328.0 to 328.1, 331.0 (½"), 334.0 (½"), 341.4 (½")						
		343.9 (½"), 344.0 (½"), 348.3 (½"), 359.1 (½"), 360.1 (2"), 376.4 (½")	401.0	403.0	2.0	2.0	Nil	6462
		376.6 to 376.7, 403.5 (2"), 409.4 (½"),	406.5	408.5	2.0	2.0	"	-63
		410.0 (½"), 412.1 to 412.3 (pyrrhotite),	408.5	410.0	1.5	1.5	"	-64
		412.5 (½").	410.0	413.5	3.3	3.5	"	-65
			413.5	416.0	2.5	2.5	"	-66
			416.0	419.1	3.1	3.1	"	-67
		(Sulphides continued) - 413.7 to 415.0,	419.1	423.0	3.8	3.9	"	-68
		415.9 to 419.1, 419.9 to 420.2, 422.9 (2"),	425.0	425.5	0.5	0.5	"	-69
		425.0 to 425.4, 426.9 to 427.1, 428.2	426.8	427.3	0.5	0.5	"	-70
		to 428.9, 432.9 to 433.1, 434.9 to 435.2,	428.1	429.0	0.9	0.9	"	-71
		450.4 to 450.9, 451.1 to 452.1, 452.9	431.0	432.8	1.8	1.8	"	-72
		to 453.2.	432.8	433.3	0.5	0.5	"	-73
			434.8	435.3	0.5	0.5	0.01	-74
			450.3	452.0	1.7	1.7	"	-75
454.0		End of Hole.	452.7	453.2	0.5	0.5	"	-76

Myron Kunko
July, 1966
Val d'Or, PQ

FORM S22-3500-11-65-NPC

NORTH 11 + 50 N of Base Line
EAST 40 + 00 E
ELEV.
AZIM. Collar - Due South
DIP Collar - 45°
250' - 41° 500' - 34°

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-6
COMMENCED May 5, 1966.
FINISHED May 11, 1966.
PURPOSE OF HOLE Explore - 'EM' Conductor and magnetic Anomaly

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
0	8.0	Casing - Overburden						
8.0	506.4	Intermediate volcanic - somewhat	8.0	25.0	16.9	17.0		
		acidic and in places strongly	25.0	50.0	24.2	25.0		
		sericitic. Possibly interbeds	50.0	75.0	24.1	25.0		
		of more basic material i.e. - sharp	75.0	100.0	24.6	25.0		
		contacts of more basic material in	100.0	125.0	24.6	25.0		
		3" bands at 60° to core.	125.0	150.0	24.5	25.0		
		Generally rock quite massive	150.0	175.0	24.6	25.0		
		in places bleached and accompanied	175.0	200.0	24.8	25.0		
		by sulphides.	200.0	225.0	24.7	25.0		
		Sulphides disseminated throughout, not	225.0	250.0	24.7	25.0		
		in any quantity except as mentioned	250.0	275.0	24.9	25.0		
		below.	275.0	300.0	24.7	25.0		
		Sericitic parts as follows - (shear?) -	300.0	325.0	24.8	25.0		
		18.8 to 19.8 (shearing at 60° to core),	325.0	350.0	24.5	25.0		
		30.0 to 34.0 (shearing at 50°), 49.0 to	350.0	375.0	24.3	25.0		
		51.1 (at 50°), 55.0 to 55.9 (at 60°),	375.0	400.0	24.7	25.0		
		65.9 to 66.1, 67.2 to 69.2 (at 50°),	400.0	425.0	24.7	25.0		
		71.2 to 74.0 (at 50°), 147.2 to 151.5,	425.0	450.0	24.5	25.0		
		154.0 to 163.0, 166.1 to 167.8, 170.3 to	450.0	475.0	24.6	25.0		
		170.7, 216.0 to 217.4 (60° shear).	475.0	506.4	31.2	31.4		

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-6 Page 2

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE Cu - Zn -
		Quarts veining as follows -	10.6	11.3	0.7	0.7	Nil	6477
		9.6 (¼"), 10.8 (¼"), 12.0 (2" W sulphides),	15.0	16.1	1.1	1.1	"	-78
		13.2 (¼"), 13.3 (¼"), 13.6 (1"), 14.0 (¼"),	17.0	20.1	3.0	3.1	"	-79
		15.4 to 15.6, 15.8 to 16.0, 17.5 to 20.0,	30.0	35.0	4.8	5.0	"	-80
		(some pyrite), 25.0 (¼"), 35.6 (1"),	40.0	41.0	1.0	1.0	"	-81
		40.4 (1"), 40.7 (1"), 43.4 (½"),	49.0	51.0	2.0	2.0	"	-82
		60.7 (½"), 67.4 (½"), 75.4 to 75.6,	68.4	70.0	1.5	1.6	"	-83
		76.4 (1"), 76.5 to 77.4, 77.7 to 78.1,	71.0	71.9	0.9	0.9	"	-84
		78.5 (1"), 78.8 (½"), 80.0 to 80.2,	71.9	75.0	3.1	3.1	"	-85
		81.6 to 81.7, 81.8 to 82.0, 102.3 (½"),	75.0	78.8	3.8	3.8	"	-86
		112.5 (1" @ 10°), 114.4 to 114.5, 119.4 to	78.8	82.2	3.3	3.4	"	-87
		119.6, 120.0 (¼"), 120.6 to 121.0, 121.2	112.0	115.0	3.0	3.0	"	-88
		to 121.3, 121.8 (½"), 131.7 to 132.2,	115.0	120.0	5.0	5.0	"	-89
		132.6 (½"), 133.1 to 133.2, 134.2 to 134.4,	120.0	122.0	2.0	2.0	"	-90
		143.8 (¼"), 147.3 (¼"), 155.2 (¼"),	131.6	134.5	2.9	2.9	"	-91
		155.4 (¼"), 165.2 to 165.6, 193.1 (1"),	147.0	150.0	3.0	3.0	"	-92
		194.6 (1"), 195.4 (¼"), 195.5 (¼"),	150.0	151.5	1.5	1.5	"	-93
		196.2 to 197.4, 198.0 to 198.2, 203.5	154.0	158.0	3.9	4.0	"	-94
		to 206.1, 213.3 (½"), 214.7 (¼"), 214.9 (¼"),	158.0	163.0	5.0	5.0	"	-95
		253.1 to 253.2, 272.8 to 273.2, 274.0 (¼"),	165.0	168.0	2.9	3.0	"	-96
		274.3 (¼"), 333.3 (¼"), 333.5 (½"), 333.7 (½"),	191.5	193.5	2.0	2.0	"	-97
		340.3 (½"), 340.5 (½"), 343.9 (¼"), 357.3 to	195.0	198.5	3.5	3.5	"	-98
		358.2 (W pyrrhotite), 359.1 to 359.3 (W pyrrhotite)	205.4	206.2	0.8	0.8	"	-99
		359.9 (½" W pyrrhotite), 360.5 to 362.4 (W	213.0	217.4	4.4	4.4	Nil	6500
		pyrrhotite), 385.4 to 386.2, 399.6 (½"),	217.4	220.0	2.5	2.6	"	-11
		403.2 to 403.5 (W pyrrhotite), 403.8 (1"), 404.1	220.0	222.2	2.2	2.2	"	-12

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY BOY GROUP (JOANNES TWP.)

HOLE NO. QR-8 Page 3

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
		Bleached parts as follows -	222.2	224.0	1.8	1.8	Nil	6513
		112.0 to 112.7, 113.1 to 113.4, 115.5 (1"),	225.0	227.0	2.0	2.0	"	-14
		116.0 (1"), 116.3 to 116.4, 116.5 to 116.6, 116.8	230.0	235.0	4.8	5.0	"	-15
		to 116.9, 117.1 to 117.2, 118.0 to 118.2, 118.5	235.0	238.7	3.7	3.7	"	-16
		(1"), 223.8 (2"), 225.3 (1"), 225.5 (2"), 225.7	243.0	245.8	2.8	2.8	"	-17
		(½"), 226.9 (1"), 229.3 (½"), 238.5 to 238.7,	245.8	248.4	2.6	2.6	"	-34
		241.9 (1"), 281.8 (1"), 250.4 to 255.5,	248.4	250.0	1.6	1.6	"	-18
		272.7 to 273.3, 301.4 (2"), 307.1 to 308.0,	250.5	254.5	4.0	4.0	"	-19
		311.1 to 311.6, 315.0 to 316.0, 321.7 to 322.0,	254.5	256.0	1.5	1.5	"	-20
		323.9 to 324.9, 337.8 to 340.0, 343.2 to 344.8.	257.5	258.7	1.2	1.2	"	-21
		Sulphide concentrations (over	260.9	261.4	0.5	0.5	"	-22
		10%) as follows - (mostly pyrite)	262.8	263.3	0.5	0.5	"	-23
		68.3 to 69.9, 71.1 to 72.0, 217.5 to	265.3	266.8	1.5	1.5	"	-24
		217.8 (massive), 217.9 to 218.0 (massive),	266.8	269.0	2.2	2.2	"	-25
		218.1 to 218.5 (massive), 219.0 to 219.9 (80%),	269.0	274.3	5.3	5.3	"	-26
		220.2 to 220.6 (massive), 220.8 to 221.5 (70%),	275.0	280.0	4.8	5.0	"	-27
		221.9 (1"), 222.1 (1"), 222.9 (½"), 223.0 to	280.0	281.7	1.7	1.7	"	-28
		223.1, 223.7 (½"), 225.6 to 225.9 (massive),	286.0	288.0	2.0	2.0	"	-29
		226.2 to 227.0 (80%), 227.5 to 228.0 (20%),	288.0	291.6	3.5	3.6	"	-30
		228.5 to 231.0 (40%), 231.2 to 231.5 (30%),	291.6	295.0	3.4	3.4	"	-31
		232.4 (1"), 236.0 to 240.8 (75%),	295.0	297.3	2.3	2.3	"	-32
		247.2 to 248.4 (40%), 249.4 to 249.8 (10%) -	297.3	300.0	2.7	2.7	"	-33
		sulphides in more siliceous volcanic -	300.0	303.0	3.0	3.0	"	-35
		250.7 (1"), 251.7 (2"), 252.1 to 252.2,	303.0	307.0	4.0	4.0	"	-36
		253.9 to 254.2, 255.5 to 255.6, 257.7 to	307.0	308.0	1.0	1.0	"	-37
		257.9, 258.5 (1"), 261.0 to 261.2,	308.0	310.0	1.9	2.0	"	-38

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-6 Page 4

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
		263.1 to 269.4 (10%), 265.3 to 266.8 (80%),	310.0	311.1	1.1	1.1	Nil	6539
		267.5 (1"), 267.8 to 267.9, 268.4 to 268.6,	311.1	314.0	2.9	2.9	"	-40
		269.7 to 270.0 (10%), 270.2 to 270.4 (15%),	314.0	317.0	3.0	3.0	"	-41
		270.6 to 271.0 (10%), 274.0 to 274.3,	317.0	320.0	3.0	3.0	"	-42
		275.0 to 275.3, 275.7 to 275.9, 276.7 to	320.0	325.0	4.9	5.0	"	-43
		281.7 (45%), 286.1 to 287.8 (40%),	325.0	328.7	3.7	3.7	"	-44
		288.4 to 291.7 (30%), 292.5 (1"), 292.8	328.7	331.9	3.2	3.2	"	-45
		to 294.2, 294.6 to 295.0, 295.6 to 296.2	331.9	333.2	1.3	1.3	"	-46
		(30%), 298.1 to 298.8, 299.3 to 307.1 (15%),	338.0	339.0	1.0	1.0	"	-47
		308.1 to 310.0 (10%), 311.1 to 317.0 (10%),	344.0	345.0	1.0	1.0	"	-48
		320.0 to 320.8, 323.3 to 324.4 (10%),	356.0	357.2	1.2	1.2	"	-49
		327.7 to 328.7 (10%), 332.0 to 333.2,	357.2	358.2	1.0	1.0	"	-50
		338.0 to 338.5, 344.1 to 345.0, 356.0	358.2	360.2	2.2	2.3	"	-51
		to 357.3, 362.4 to 365.6, 368.6 to	360.5	362.4	1.9	1.9	"	-52
		376.8, 379.3 to 391.0 (10%), 400.2 to	362.4	365.0	2.5	2.6	"	-53
		400.4, 402.7 to 405.0 (10%).	365.0	370.0	4.6	5.0	"	-54
		From 296.3 to 297.3 brecciated	370.0	375.0	5.0	5.0	"	-55
		and sheared - sericitic.	375.0	380.0	5.0	5.0	"	-56
			380.0	385.3	5.1	5.3	"	-57
			385.3	386.2	0.9	0.9	"	-58
			386.2	391.0	4.8	4.8	"	-59
			400.0	405.0	5.0	5.0	"	-60
			422.5	424.0	1.5	1.5	"	-61
			424.0	426.5	2.4	2.5	"	-62
			444.1	445.0	0.9	0.9	"	-63
			448.5	450.0	1.5	1.5	"	-64

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-8 Page 5

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
		Quartz veining (continued) to 405.0	450.0	455.5	5.3	5.5	Nil	6565
		(W pyrrhotite), 445.5 (1"), 445.8 (1"),	468.5	471.5	2.9	3.0	"	66
		448.7 (1"), 449.1 (2"), 449.8 (1"),						
		451.9 ($\frac{1}{2}$"), 452.1 to 452.5, 454.2 ($\frac{1}{2}$"),						
		461.4 ($\frac{1}{2}$"), 462.2 (1"), 472.6 to 472.7,						
		476.1 ($\frac{1}{2}$"), 478.2 ($\frac{1}{4}$"), 483.5 ($\frac{1}{4}$"),						
		486.8 ($\frac{1}{4}$"),						
		Bleached zones (continued) - 349.4 to						
		353.6, 355.7 to 356.0, 365.5 to 369.0, 370.2 to						
		370.9, 371.9 to 408.7, 422.9 to 424.0,						
		425.3 to 425.8, 428.5 to 436.7, 444.0 to						
		455.2, 463.0 to 464.5, 476.2 to 477.8,						
		482.8 to 483.8.						
		Sheared parts as follows -						
		304.0 to 307.2 (50°), 314.6 to 316.5,						
		328.1 to 329.0 (60°), 357.0 to 364.5 (60°),						
		468.8 to 472.0 (65°).						
506.4		End of Hole.						
		Magnus Kruuba July 1966 Val d'Or, PQ						

FORM S22-3500-11-65-NPC

DIAMOND DRILL REPORT

NORTH 11 + 44 North of Base Line
EAST. 44 + 00 E
ELEV.
AZIM. Collar - Due South
DIP Collar - 45°
250' - 36° 540' - 31°

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-9
COMMENCED May 12, 1966.
FINISHED May 13, 1966.
PURPOSE OF HOLE Explore - 'EM' Conductor and Magnetic Anomaly

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
0	3.9	Overburden - Casing						
3.9	549.0	Intermediate to acid volcanic -	3.9	25.0	20.8	21.1		
		somewhat massive with more	25.0	50.0	24.4	25.0		
		siliceous interbands and slight	50.0	75.0	24.8	25.0		
		shearing at 60° to core. Similar to	75.0	100.0	24.4	25.0		
		previous holes interbanding of	100.0	125.0	24.5	25.0		
		light grey to black with chloritic	125.0	150.0	24.2	25.0		
		greenish more basic material.	150.0	175.0	24.6	25.0		
		Some stronger shearing as	175.0	200.0	24.8	25.0		
		follows - 66.0 to 69.8 (@ 70° - sericitic)	200.0	225.0	24.7	25.0		
		135.0 to 141.0 (silicified - brecciated -	225.0	250.0	24.5	25.0		
		could be fine bedded tuff - 40-60°)	250.0	275.0	24.6	25.0		
		185.2 to 186.6 (at 60°).	275.0	300.0	24.7	25.0		
		Parts of core could be tuffaceous	300.0	325.0	24.6	25.0		
		but difficult to distinguish.	325.0	350.0	24.5	25.0		
			350.0	375.0	24.8	25.0		
			375.0	400.0	24.7	25.0		
		Quartz veining as follows - 19.3 (2"	400.0	425.0	24.6	25.0		
		w pyrrhotite), 25.7 (2" w pyrrhotite), 38.4 to	425.0	450.0	24.7	25.0		
		38.8, 40.8 to 41.3, 41.9 (½"), 43.6 (½"),	450.0	475.0	24.6	25.0		
		43.7 (½"), 61.1 (½"), 64.0 (½"), 72.4 to	475.0	500.0	24.7	25.0		
		72.5, 75.7 (¼"), 85.8 to 86.0, 104.2 (½"),	500.0	525.0	24.6	25.0		
		110.3 (2"), 111.8 (½"), 112.0 (2"), 115.5 (½"),	525.0	549.0	23.8	24.0		
		116.9 to 117.5, 117.8 to 117.9, 120.4 (½"),						
		121.0 to 121.5, 121.9 (½"), 123.0 (½"), 123.5						

FORM S22-3500-11-65-NPC

NORTH_____
EAST. _____
ELEV. _____
AZIM. _____
DIP_____

DIAMOND DRILL REPORT

PROPERTY ROY GROUND (JOANNES TWP.)

HOLE NO. QR-9
COMMENCED_____
FINISHED_____
PURPOSE OF HOLE_____

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
		Mineralization to 126.5 (w wall rock - breccia - pyrrhotite)	5.0	10.0	4.9	5.0	Nil	6567
		130.2 to 130.9 (brecciated and silicified -	13.0	15.4	2.4	2.4	"	-68
		sulphides), 131.2 (1"), 131.6 (1" w pyrite),	17.0	20.0	2.8	3.0	"	-69
		131.8 (1"), 131.9 (1"), 134.3 (¼"),	25.0	27.5	24	2.5	"	-70
		135.9 (w pyrite - ½"), 163.8 to 165.0 (some	27.5	32.0	4.3	4.5	"	-71
		pyrite), 171.0 (¼"), 173.3 (2"), 183.0 (¼"),	32.0	36.0	4.0	4.0	"	-72
		191.3 (½"), 193.4 (¼"), 195.6 (2"), 196.5 (2"),	36.0	40.0	3.8	4.0	"	-73
		198.4 to 198.5, 203.0 (1"), 203.6 (½"), 206.0 (1")	40.0	42.0	2.0	2.0	"	-74
		207.2 (½"), 222.0 (1" silicified), 228.1 to	42.0	45.0	2.8	3.0	"	-75
		228.5 (w pyrrhotite), 234.5 (¼"), 235.0 (¼"),	45.0	50.0	4.8	5.0	"	-76
		239.8 (¼"), 241.8 (½" - w pyrrhotite),	50.0	55.0	5.0	5.0	"	-77
		251.8 to 252.7 (w pyrrhotite - silicified),	55.0	57.5	2.5	2.5	"	-78
		278.0 to 278.1, 294.1 (½"), 323.2 (¼"),	57.5	60.0	2.5	2.5	"	-79
		324.0 (2"), 324.3 (1"), 334.1 (1"), 349.9 to	65.0	70.0	4.9	5.0	"	-80
		350.9, 352.2 (½"), 353.5 (½"), 354.6 to	70.0	75.0	5.0	5.0	"	-81
		354.7, 357.1 (½"), 371.8 (¼"), 390.0 (½"),	79.5	80.0	0.5	0.5	"	-82
		390.6 (½"), 391.1 (¼"), 411.8 (¼"), 415.7 (¼"),	90.5	92.0	1.5	1.5	"	-83
		424.5 (½"), 447.1 (¼"), 453.1 (¼"),	105.0	108.0	2.8	3.0	"	-84
		459.8 (½"), 484.0 (1"), 484.1 (½"), 484.1 (¼"),	110.0	112.5	2.5	2.5	"	-85
		484.9 (½"), 485.9 (¼"), 492.5 (2"), 498.5 (2"),	116.5	118.0	1.5	1.5	"	-86
		539.8 (½"), 540.0 (1").	120.0	122.0	2.0	2.0	"	-87
			123.5	126.3	2.8	2.8	"	-88
			130.0	132.0	2.0	2.0	"	-89
			136.0	141.0	3.0	3.0	"	-90
			211.3	215.0	3.5	3.7	"	-91
			215.0	218.0	3.0	3.0	"	-92

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROX GROUP (JOANNES TWP.)

HOLE NO. QR-9

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
		Sulphide mineralisation (pyrrhotite-	218.0	220.6	2.6	2.6	Nil	6593
		pyrite) as follows - 5.0-10.0 (10%), 13.0 to	220.6	224.3	3.7	3.7	"	-94
		15.4 (20%), 17.2 to 19.3 (15%), 26.4 to 31.2	224.3	228.1	3.8	3.8	"	-95
		(10%), 31.7 to 32.6 (15%), 33.8 to 36.0 (10%),	163.6	165.2	1.5	1.6	"	-96
		32.8 to 38.3, 40.0 to 40.9, 44.2 to 44.5 (15%),	228.1	230.0	1.8	1.9	"	-97
		45.5 to 47.1 (20%), 49.8 to 50.4, 51.8 to	230.0	231.2	1.2	1.2	"	-98
		53.0 (10%), 54.4 to 54.7 (10%), 55.6 to	236.5	240.0	3.5	3.5	"	-99
		56.0 (10%), 57.8 to 60.6 (15%), 64.8 to 65.5 (10%),	240.0	241.3	1.3	1.3	"	6600
		66.0 to 66.3 (10%), 68.5 to 70.5 (15%), 72.3 to	241.3	245.0	3.7	3.7	"	-01
		74.0 (10%), 79.5 to 79.8, 82.0 (2"),	245.0	247.5	2.3	2.5	"	-02
		82.3 (2"), 82.6 to 82.7, 86.5 to 86.6,	247.5	253.0	5.5	5.5	"	-03
		90.5 to 91.9 (10%), 105.7 to 105.8, 106.2 to	310.8	312.5	1.7	1.7	"	-04
		106.7, 107.2 to 107.8, 130.5 to 130.8, 131.5 to	314.4	315.0	0.6	0.6	"	-05
		131.7, 135.9 (1"), 138.5 (1"), 138.9 to 139.7 (15%)	316.8	320.0	3.2	3.2	"	-06
		140.0 to 141.0 (10%), 145.4 to 145.6 (10%).	322.0	325.0	3.0	3.0	"	-07
		211.4 to 212.5 (70%), 213.1 to 214.9 (50%),	325.0	327.0	2.0	2.0	"	-08
		215.7 to 216.8 (40%), 217.1 to 218.0 (40%),	336.5	340.0	3.5	3.5	"	-09
		218.1 (1"), 219.9 to 220.0, 220.6 to 221.1 (20%),	340.0	345.0	5.0	5.0	"	-10
		222.0 to 222.4 (80%), 222.9 to 223.3 (50%),	349.9	350.9	1.0	1.0	"	-11
		224.7 to 228.1 (75%), 230.2 to 231.2 (80%),	350.9	354.0	3.1	3.1	"	-12
		234.8 (1"), 236.6 to 236.7 (60%),	388.0	390.0	2.0	2.0	"	-13
		237.1 to 241.3 (50%),	390.0	391.5	1.5	1.5	"	-14
		242.7 to 243.8 (60%), 244.3 to 245.0 (70%),	394.5	395.5	1.0	1.0	"	-15
		247.8 to 248.5 (50%), 249.2 to 251.0 (40%),	400.0	401.0	1.0	1.0	"	-16
		251.8 to 253.0 (30%), 310.7 to 312.3 (40%),	405.0	407.0	2.0	2.0	"	-17
		314.3 to 315.0 (20%), 316.8 to 319.1 (40%)	420.0	422.5	2.5	2.5	"	-18

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-9 Page 4

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		322.4 to 322.5 (30%), 323.4 to 323.5, 324.2 to	425.0	430.0	5.0	5.0	"	6619
		324.3, 324.7 (½"), 325.0 to 326.7 (20%),	436.5	439.0	2.5	2.5	"	-20
		336.7 to 336.8, 338.2 to 338.4, 338.9 to	444.3	447.0	2.7	2.7	"	-21
		344.7 (15%), 347.0 to 349.1 (15%), 352.3 to	447.0	450.0	3.0	3.0	"	-22
		352.7 (20%), 387.5 to 387.7, 388.3 to 391.3	488.0	490.0	2.0	2.0	"	-23
		(20%), 394.7 to 395.3 (15%), 405.3 to 405.8	495.0	496.3	1.3	1.3	"	-24
		(10%), 406.4 to 406.6, 409.5 to 409.7, 412.6 to	499.5	500.4	0.9	0.9	"	6625
		414.0 (10%), 420.4 to 420.7 (15%), 421.4 to	512.0	515.7	3.7	3.7	"	-26
		422.5 (25%), 425.1 to 428.0 (10%), 429.5 to	519.9	520.5	0.6	0.6	"	-27
		429.8 (10%), 430.4 to 430.7 (10%), 437.5 to 438.5						
		(15%), 444.3 to 444.6 (15%), 445.5 to 446.7 (20%),						
		447.7 to 448.1, 488.2 to 490.0 (10%), 495.0 to						
		496.3, 499.5 to 500.3, 512.1 to 512.3, 512.7 to						
		512.9, 515.0 to 515.6, 519.9 to 520.5.						
		Brecciated sections as follows - 263.3						
		to 263.5, 277.3 to 277.7, 279.1 to 280.2,						
		280.6 to 281.0, 281.4 to 281.5, 281.8 to 282.0,						
		282.5 to 282.7, 283.4 to 284.7, 288.2 to						
		289.5, 291.2 to 295.8, 296.3 to 305.2,						
		419.7 to 420.0, 421.4 to 422.3, 424.6 to 428.6,						
		429.4 to 431.2, 444.3 to 446.7.						
		From 478.5 to 549.0 core is						Meyer Lunka
		fairly amphibolitic and somewhat						July, 1966
		brecciated.						Val d'Or, PQ
549.0		End of Hole.						

FORM S22-3500-11-65-NPC

DIAMOND DRILL REPORT

NORTH 11 + 50 North of Base Line
EAST 56 + 00 East
ELEV.
AZIM. Collar - Due South
DIP Collar - 45°, 300' - 35°
590' - 28°

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-10
COMMENCED May 16, 1966.
FINISHED May 19, 1966.
PURPOSE OF HOLE Explore 'EM' Conductor and Magnetic Anomaly

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	16.0	Casing - Overburden.						
16.0	289.9	Intermediate to acid volcanic -	16.0	25.0	8.1	9.0		
		fairly massive and chloritic.	25.0	50.0	18.9	25.0		Lost Core - 26.1 to 30.5
		Somewhat more acidic (bleached)	50.0	75.0	22.8	25.0		Lost Core - 50.0 to 50.6
		and altered by sericite where	75.0	100.0	24.6	25.0		
		concentrations of sulphides occur.	100.0	125.0	24.6	25.0		
		Veined by quarts as follows -	125.0	150.0	24.8	25.0		
		60.4 to 60.7, 69.2 to 69.4, 73.9 (1"), 76.9 (1"	150.0	175.0	24.5	25.0		
		83.4 (½"), 91.9 (½"), 92.2 (½"), 93.9 (1" w	175.0	200.0	24.7	25.0		
		pyrrhotite), 96.5 (½"), 97.2 (½"), 97.6 (1"),	200.0	225.0	24.6	25.0		
		98.2 (2"), 98.8 (1"-sulphides), 101.5 to 101.7,	225.0	250.0	24.7	25.0		
		102.1 (1"), 105.0 to 105.2, 105.6 (1"), 118.1 to	250.0	275.0	24.8	25.0		
		118.4, 135.8 to 136.1 (pyrrhotite), 140.2 (½"),	275.0	289.9	14.6	14.9		
		140.5 (1"), 140.7 (1"), 141.1 (½"),						
		141.2 (2"), 146.6 to 146.8, 147.7 (½"),						
		156.3 (½"), 177.1 to 177.9 (w pyrrhotite),						
		190.9 (½"), 191.5 to 192.0 (w pyrrhotite),						
		208.2 to 208.3 (w pyrrhotite), 209.0 (½"),						
		211.5 to 211.6, 213.8 (½"), 215.4 to 215.6,						
		218.3 to 218.6, 218.8 (½"), 219.3 (½"),						
		221.1 (½"), 221.2 (½"), 221.5 to 222.1 (w						
		pyrrhotite), 222.7 to 223.0, 223.4 (½"), 38.7						
		(1"), 52.8 (½"), 34.0 (1"), 126.1 (½"), 225.4						
		to 225.5, 226.6 to 227.0 (some pyrrhotite),						
		227.6 to 228.3 (some pyrrhotite),						

FORM S22-3500-11-65-NPC

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PROPERTY ROY GROUP (JOANNES TWP.)

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PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE Cu - Zn -
		233.2 (1" - ¾ little chalcopyrite), 234.1 (½"),	52.5	57.0	4.3	4.5	Nil	6628
		234.5 to 234.6, 235.2 (½"), 235.8 (½"),	57.0	61.5	4.3	4.5	"	-29
		236.0 (½"), 236.5 to 236.7, 239.8 to 240.0,	61.5	65.0	3.3	3.5	"	-30
		240.5 (½"), 253.4 (½"), 262.7 to 265.0 (some	65.0	67.5	2.5	2.5	"	-31
		amphibole needles and muscovite), 266.7 to	67.5	72.5	4.9	5.0	"	-32
		266.8, 267.9 (½"), 268.5 (½"), 268.6 to 268.8	72.5	75.0	2.5	2.5	"	-33
		(breccia-carbonate with pyrrhotite), 269.7 to	78.9	81.2	2.1	2.3	"	-34
		270.1 (breccia-carbonate), 273.6 to 274.1 (¾	83.1	85.0	1.9	1.9	"	-35
		pyrrhotite), 274.6 (½"), 276.5 (½"), 276.6 (½"),	89.0	89.5	0.5	0.5	"	-36
		276.9 (½"), 277.8 (1" ¾ pyrrhotite), 279.7 to	93.5	94.3	0.8	0.8	"	-37
		280.0, 280.4 (½"), 283.5 to 283.9, 284.7 to	98.0	100.0	2.0	2.0	"	-38
		285.1, 285.9 (1"), 286.4 to 286.7 (pyrrhotite),	102.5	105.0	2.5	2.5	"	-39
		289.3 (1").	105.0	110.0	5.0	5.0	"	-40
		From 34.5 to 56 generally bleached,	110.0	115.0	5.0	5.0	"	-41
		accompanied by sulphides and sheared	115.0	118.5	3.5	3.5	"	-42
		at 60° to core. This zone is almost	120.0	123.0	2.9	3.0	"	-43
		continuous to 142.5 with few slightly	127.5	129.0	1.5	1.5	"	-44
		more massive sections from 56 to about 103.	130.0	135.0	4.9	5.0	"	-45
		Another zone occurs at 177.1 to 182.6.	135.0	137.0	2.0	2.0	"	-46
		The more massive sections in this	137.0	140.0	3.0	3.0	"	-47
		zone and on either side of it are	140.0	141.5	1.5	1.5	"	-48
		fairly chloritic and probably	175.0	177.1	2.0	2.1	"	-49
		andesitic interbeds.	177.1	177.9	0.8	0.8	"	-50
			177.9	181.2	3.3	3.3	"	-51
			191.4	192.1	0.7	0.7	"	-52
			207.5	208.5	0.8	1.0	"	-53

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DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

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FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		Concentrations of sulphides	220.0	222.1	2.1	2.1	Nil	6654
		(pyrrhotite-pyrite) occur as follows -	225.0	228.5	3.5	3.5	"	-55
		52.8 to 53.0 (50%), 53.5 to 53.7 (40%),	233.0	237.0	4.0	4.0	"	-56
		52.4 to 55.0 (25%), 55.3 (1"), 55.8 (1"), 56.2	239.5	241.0	1.4	1.5	"	-57
		to 56.9 (40%), 58.4 to 58.6 (90%), 58.9 to	244.0	246.5	2.4	2.5	"	-58
		59.1 (20%), 59.9 to 60.3 (60%), 61.3 (1"-100%),	262.7	265.2	2.5	2.5	"	-59
		63.0 (1"-80%), 65.7 to 67.1 (40%), 68.2 to	266.5	267.0	0.5	0.5	"	-60
		70.5 (40%), 71.1 (1"-80%), 71.6 to 79.8 (40%),	268.3	270.5	2.2	2.2	"	-61
		75.2 to 75.6 (10%), 76.3 ($\frac{1}{2}$"),	273.5	275.0	1.5	1.5	"	-62
		76.6 to 77.2 (20%), 78.5 to 81.2 (30%),	276.0	278.0	2.0	2.0	"	-63
		83.1 to 84.8 (35%), 89.1 to 89.4 (40%),	279.5	280.5	1.0	1.0	"	-64
		94.6 to 94.8 (20%), 98.6 to 99.2 (30%),	283.5	287.0	3.5	3.5	"	-65
		102.5 to 118.1 (20%), 120.7 to 122.1 (20%),						
		122.8 to 123.3 (10%), 125.0 to 125.2 (10%)						
		127.6 to 128.9 (30%), 125.0 to 137.5 (15-						
		20%), 138.6 to 140.0 (10%), 140.9 to 141.0						
		(10%), 177.1 to 181.2 (15%), 189.7 to 190.0						
		(15%), 244.1 to 246.0 (15% Fe).						
		Sections slightly brecciated as						
		follows - 202.4 to 206.5, 213.9 to 215.0, 220.5						
		to 221.5, 223.0 to 224.4, 231.2 to 250.						
		These could be agglomeritic						
		zones surrounded by tuffs.						

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PROPERTY ROY GROUP (JOANNES TWP.)

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FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
289.9	311.9	Finely bedded, cherty waterlain	289.9	311.9	21.1	22.0		
		tuffs (?) - fairly sericitic and						
		in places replaced by quartz and	299.0	302.8	3.8	3.8	Nil	6666
		pyrite. Bedding and/or shearing	302.8	304.3	1.5	1.5	"	-67
		at 60° to core.	304.3	307.0	2.6	2.7	"	-68
		Section that is darker with	307.0	309.0	2.0	2.0	"	-69
		slaty appearance occurs at 294.3	309.0	312.0	2.9	3.0	"	-70
		to 298.5. Lower contact gradational.						
		Upper contact sharp.						
		Contacts gradational across						
		about 2".						
		There is no quartz veining						
		except as replacement as follows -						
		299.1 to 299.4, 299.7 to 302.3, 302.6 to						
		302.8, 303.0 to 303.2, 303.8 to 304.3.						
		Pyrite replacement occurs as follows -						
		292.1 to 294.1 (pyrrhotite - finely						
		disseminated and in shear planes - 10%),						
		299.1 to 299.5 (90%-pyrite and pyrrhotite),						
		299.6 to 302.8 (90%-pyrite and some pyrrhotite),						
		303.0 to 303.2 (90%-" " " "),						
		303.5 to 304.3 (90%-" " " "),						
		304.3 to 311.9 (15% pyrite and pyrrhotite in						
		shear planes and masses).						

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DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-10 Page 5

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
311.9	599.0	Intermediate to acid volcanic	311.9	325.0	12.9	13.9		
		probably with tuffaceous interbeds.	325.0	350.0	24.8	25.0		
		Similar to above at 16.0 to 289.6.	350.0	375.0	24.5	25.0		
		Interbeds of more cherty sericitic	375.0	400.0	24.6	25.0		
		material.	400.0	425.0	24.6	25.0		
		Quartz veining as follows -	425.0	450.0	24.8	25.0		
		317.2 (1/8"), 320.7 (1/4"), 359.7 (1"), 374.3 (1/8"),	450.0	475.0	24.5	25.0		
		372.7 to 372.9, 376.0 (1/4"), 383.2 (1/8"),	475.0	500.0	24.6	25.0		
		387.6 (1/4"), 391.5 to 392.0 (some sulphides),						
		393.3 (1"), 415.5 to 415.6, 415.9 to 416.0,	313.5	315.0	1.5	1.5	Ni	6671
		418.4 to 418.5, 429.5 (1/4"), 431.3 (1/8"), 432.2	316.8	317.5	0.7	0.7	"	-72
		(1"), 432.4 to 432.7, 435.0 to 439.1 (W sulphides	318.9	321.1	2.1	2.2	"	-73
		and bleached wallrock at 436.4 to 437.2), 438.0	323.0	326.6	3.6	3.6	"	-74
		to 438.3, 438.5 (1"), 439.8 (1/8"), 440.6 to	328.5	333.5	5.0	5.0	"	-75
		441.0, 442.1 (1/8"-pyrite), 443.4 (2"), 443.8 (2"),	335.0	337.0	2.0	2.0	"	-76
		451.8 (1/8"), 452.2 (1/8"), 453.4 (1/4"),	342.0	345.5	3.5	3.5	"	-77
		454.8 (1/8"), 454.9 (1/8"), 457.0 (1/4"), 457.1 to	350.0	355.0	4.8	5.0	"	-78
		457.5, 460.0 to 460.7, 462.9 (1"), 463.0 to	355.0	356.5	1.5	1.5	"	-79
		463.1, 463.2 (1"), 464.6 (1/8"), 467.6 (1/4"),	367.0	369.4	2.4	2.4	"	-80
		473.3 to 473.7, 496.1 to 496.4, 497.1 to 497.8,	370.7	371.4	0.7	0.7	"	-81
		507.1 (1/4"), 524.9 (1/8"), 525.8 (1"), 540.8 (1/8"),	374.7	375.4	0.7	0.7	"	-82
		573.0 (1").	385.9	389.5	3.6	3.6	"	-83
			391.0	392.0	1.0	1.0	"	-84
			392.0	393.5	1.4	1.5	"	-85
			394.6	395.5	0.9	0.9	"	-86
			400.0	401.5	1.5	1.5	"	-87

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DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

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PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		Concentrations of sulphides (pyrite-pyrrhotite)	401.5	404.0	2.5	2.5	Nil	6688
		as follows - 313.7 to 314.4 (10% pyrrhotite),	406.9	409.0	2.1	2.1	"	-89
		316.8 to 317.5 (pyrite-pyrrhotite-25%), 317.8 to	413.0	416.0	2.9	3.0	"	-90
		318.3 (10% pyrrhotite), 318.9 to 319.3 (pyrite	417.8	420.0	2.2	2.2	"	-91
		w quartz), 321.0 to 321.0 (15% pyrrhotite-pyrite)	422.0	425.0	2.8	3.0	"	-92
		323.1 to 323.2 (pyrite w quartz), 324.4 to 326.7	434.9	439.1	4.1	4.2	"	-93
		(pyrite,pyrrhotite 80%), 328.9 (½" 80%), 329.2	439.1	441.1	2.0	2.0	"	-94
		to 329.6 (80%), 330.2 to 330.7 (70%), 331.5 to	443.0	444.0	1.0	1.0	"	-95
		331.8 (20%), 332.2 to 332.5 (15%), 333.0 to	456.5	458.0	1.5	1.5	"	-96
		333.4 (40%), 335.1 to 336.3 (30%), 336.7 (1"-	460.0	461.0	1.0	1.0	"	-97
		20%), 342.1 to 342.3 (40%), 343.1 (70%-½"),	473.0	475.0	2.0	2.0	"	-98
		343.5 to 343.8 (30%), 344.0 to 344.8 (40%),	475.0	479.0	4.0	4.0	"	-99
		345.3 to 345.5 (20%), 349.1 to 349.2 (15%),	484.0	486.0	2.0	2.0	"	6700
		350.4 to 350.5 (25%), 352.3 to 352.4 (20%),	496.0	498.0	2.0	2.0	"	-01
		352.9 to 353.0 (65%), 353.7 (1"-15%), 354.3 to	520.8	521.6	0.8	0.8	"	-02
		354.5 (20%), 355.2 to 355.2 (10%), 356.4 (1"),						
		358.6 to 358.9 (10%), 367.1 to 367.5 (10%),						
		368.4 to 368.9 (20%), 369.3 (2"), 370.7 to						
		371.3 (40%), 374.7 to 375.5 (40%), 385.9 to	500.0	525.0	24.9	25.0		
		386.2 (25% pyrrhotite), 386.8 to 387.3 (35%	525.0	550.0	24.7	25.0		
		pyrrhotite,pyrite), 387.8 to 387.9 (60% pyrr-	550.0	575.0	24.1	25.0		
		hotite), 388.8 (80%-1"), 389.2 to 389.4 (20%),	575.0	600.0	21.3	25.0		Lost Core 577.7 to 579.2
		392.4 to 393.3 (15%), 394.7 to 395.3 (25% pyrr-						587.3 to 588.5
		hotite), 400.0 to 401.4 (10%), 402.2 to 402.4						
		(30%), 403.1 to 403.6 (15%), 403.8 to 404.0 (20%)						
		405.0 to 405.4 (15%), 406.9 to 408.9 (15%)						

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DIAMOND DRILL REPORT

PROPERTY ROI OPTION (JOANNES TWP.)

HOLE NO. QR-10

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		More basic sections (andesitic) as follows - several places gradationally interbedded with dacitic rock type - 428 to 434, 440 to 473.3 (some more acid interbeds).						
		More cherty sections (possibly waterlain types) as follows - 390.4 to 393.4, 394.7 to 395.2, 400.0 to 404.1, 405.0 to 420.0 (lower contact ? - gradational), 429.7 to 430.0.						
		(sulphide continued) - 411.1 (1"-10%), 411.9 (1"-15%), 412.5 (1"-15%), 413.3 to 413.6 (20%), 414.7 to 415.4 (10%), 418 to 419.8 (10%), 422.4 to 425.0 (10%), 465.6 to 465.9 (10%), 467.5 to 467.7, 474.3 to 474.8 (10%), 475.2 to 476.2 (10%), 477.9 to 478.7, 484.1 to 485.5, 486.6 to 486.9, 508.9 to 509.6 (10%).						

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PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-10 Page 8

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PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		Somewhat brecciated or agglomeratic						
		sections as follows - 515.5 to 517.0 (?),						
		520.7 to 524.8, 535.0 to 540.5, 570.0 to						
		573.0, 581.6 to 599.0.						
599.0		End of Hole.						
		M. Upton Rennie						
		July 1966						
		Val d'Or, PQ						

FORM S22-3500-11-65-NPC

DIAMOND DRILL REPORT

NORTH 1 + 70 South of Base Line
EAST. on XL 32 E
ELEV.
AZIM. Collar - Due South
DIP Collar - 45° 200' - 37°
400' - 35°

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-11
COMMENCED May 21, 1966.
FINISHED May 25, 1966.
PURPOSE OF HOLE Exploration of 'EM' Conductor and 'Magnetic' Anomaly

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	8.0	Overburden - casing.					Au Ag	Cu Zn
8.0	82.6	Volcanic - intermediate to acid type.	8.0	25.0	12.9	17.0		Lost Core - 21.2 to 24.2
		Probably tuffaceous or numerous	25.0	50.0	24.0	25.0		
		interbeds of tuffaceous material.	50.0	75.0	24.3	25.0		
		Otherwise fairly massive and chloritic	75.0	82.6	7.5	7.6		
		bedding (?) at 70° to core.						
		Lower contact somewhat gradational						
		with somewhat slaty tuffs.	9.5	10.0	0.5	0.5		6703
		Core mottled by quarts and carbonate	18.0	19.5	1.4	1.5		-04
		alteration.	19.5	21.1	1.5	1.6		-05
		Quarts veining as follows - 13.6 (¼"),	39.1	40.0	0.9	0.9		-06
		42.2 (1"), 55.4 (½"), 71.2 (½").	52.0	54.0	2.0	2.0		-07
		Some sulphides (pyrrhotite-pyrite)	63.5	66.0	2.5	2.5		-08
		throughout especially at 9.6 to 9.8, 39.4 to	66.0	68.0	2.0	2.0		-09
		39.6, 41.5 to 41.6, 52.7 to 53.2, 63.6 to	68.0	70.0	2.0	2.0		-10
		63.8, 69.3 (½"), 72.3 to 73.0, 74.8 to 75.3.	72.0	73.0	0.9	1.0		-11
			74.6	75.5	0.9	0.9		-12
			80.0	82.6	2.6	2.6		-13
							Au Ag	Cu Pb Zn
82.6	97.0	Finely bedded, graphitic waterlain	82.6	85.0	2.2	2.4		6714
		tuff - black to dark grey with	85.0	90.0	4.9	5.0		-15
		some carbonate alteration and veining.	90.0	93.6	3.4	3.6		-16
		Sulphides throughout (pyrrhotite-pyrite)	93.6	97.0	3.1	3.4		-17
		especially as follows - 85.9 to 86.4, 92.2						
		to 93.4, 93.4 to 96.6 (sphalerite in shear planes						

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DIAMOND DRILL REPORT

PROPERTY ROY OPTION (JOANNES TWP.)

HOLE NO. QR-11 Page 2

COMMENCED
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PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		and veinlets - disseminated).						
		Veining (carbonate-quartz) as follows -						
		93.8 (½" w sphalerite), 95.7 (½" - w						
		sphalerite).						
97.0	111.0	Agglomerate - acidic - well bedded at	97.0	100.0	2.9	3.0		6718
		50° to core - almost porphyritic with	106.0	110.0	3.9	4.0		-19
		quartz "eyes".						
		One quartz vein occurs at 100.9 (½")	97.0	111.0	13.7	14.0		
		Sulphides occurs throughout but						
		especially as follows - 99.0 to 99.2,						
		106.5 to 106.8, 109.5 (1"), 109.9 to 110.0.						
111.0	193.5	Tuff - dacitic type - similar to above	111.0	125.0	13.9	14.0		
		agglomerate except more finely	125.0	150.0	24.6	25.0		
		bedded.	150.0	175.0	24.8	25.0		
		Quartz veining as follows - 117.9 to	175.0	193.5	18.4	18.5		
		118.0, 114.5 to 114.6, 120.6 to 121.2, 122.7 to	167.6	170.8	3.1	3.2		6720
		122.9, 127.4 (½"), 139.0 to 139.2, 144.9 to 145.0,	190.0	193.5	3.5	3.5		6721
		147.7 (½"), 155.1 (½"), 156.8 (1"), 164.3 to						
		164.4, more slaty (dark grey) section from						
		167.6 to 170.8.						
		There are little if any sulphides						
		except at 167.6 to 170.8 (5%?).						

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PROPERTY ROY GROUP (JOANNES TWP.)

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COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
193.5	217.5	Graphitic - slaty waterlain tuff - similar	193.5	197.0	3.5	3.5		6722
		to 82.6 to 97.0 - contacts sharp at	197.0	200.0	3.0	3.0		-23
		60° to core. Well banded with interbands	200.0	202.1	1.9	2.1		-24
		of grey acidic tuff from ½" or less	202.1	203.4	1.3	1.3		-25
		to thicknesses described below -	203.4	206.5	2.1	2.1		-26
		198.0 (1"), 202.2 to 203.4, 209.5 to 214.7,	206.5	209.6	3.0	3.1		-27
		215.2 to 215.9.	209.6	214.7	5.1	5.1		-28
		Sulphides dispersed throughout	214.7	217.5	2.7	2.8		-29
		in shear planes lined with carbonate.						
		Veining confined to carbonate						
		stringers paralleling bedding and/or						
		shearing - pyrite-pyrrhotite.						
217.5	231.0	Tuff - as above - no veining and	217.5	231.0	13.1	13.5		
		few sulphides. Some chalcopyrite at	223.7	224.2	0.5	0.5		6731
		224.0 (?).	217.5	220.0	2.3	2.5		-30
231.0	240.9	Graphitic - slaty, waterlain tuff, similar	231.0	240.9	9.5	9.9		
		to those above - contacts sharp at 70	231.0	235.0	4.8	4.0	Nil	6732
		to 75° to core.	235.0	240.9	5.6	5.9	"	-33
		Interbanded by occasional stringer						
		of carbonate which may be partially						
		replaced by sulphides.						
		Some sulphides in bedding and/or						
		shear planes. Bedding at 75° to core.						

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PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-11 Page 4

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
240.9	402.0	Acidic volcanic - probably mainly	240.9	250.0	9.0	9.1		
		tuffaceous with mottled, bedded,	250.0	275.0	24.4	25.0		
		waterlain section containing brownish	275.0	300.0	24.4	25.0		
		amphibolitic material as follows -	300.0	325.0	23.8	25.0		
		353.9 to 356.2, 359.7 to 360.7, 373.8 to	325.0	350.0	24.1	25.0		
		381.4 (at 65° to core).	350.0	375.0	24.4	25.0		
		From 399.8 to 402.0 somewhat slaty,	375.0	402.0	26.3	27.0		
		dark grey to black section.						
		Except for porphyritic sections	312.5	315.0	2.4	2.5	Nil	6734
		mentioned below most of core is	325.0	327.0	2.0	2.0	"	-35
		massive and altered by silicification	354.0	356.5	2.2	2.5	"	-36
		and feldspar alteration.	366.0	366.8	0.8	0.8	"	-37
		Porphyritic section, trachytic (feldspar	370.5	372.0	1.3	1.5	"	-38
		phenocrysts irregular shaped) as	375.0	380.0	4.9	5.0	"	-39
		follows - 245.5 to 253.5, 258.7 to 259.7,						
		263.3 to 264.7, 268.4 to 286.3, 295.3 to						
		296.2, 297.8 to 301.2, 327.7 to 329.3,						
		334.8 to 335.9, 341.9 to 345.1, 386.3 to						
		390.0 (all contacts gradational).						
		Little if any sulphides throughout.						
		Quartz veining as follows - 243.7 (1"),						
		252.3 (½"), 294.0 (¼"), 294.6 (½"), 298.3 (½"),						
		325.4 to 325.5, 325.6 (1"), 326.6 (1"),						
		328.3 (¼"), 330.2 (½"), 330.3 (½"), 339.3 (¼"),						
		361.0 (½"), 361.3 (¼"), 361.4 (½"), 366.4 (½"),						
		370.8 to 371.4, 378.0 (½"), 382.7 (¼"),						

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-11 Page 5

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
402.0		End of Hole.						
		EM 'Conductor' explained by presence of graphitic tuff and accompanying magnetic sulphides from 82.6 to 97.0 and 193.5 to 240.9.						
		Mervyn Knumbo July 1966 Val d'Or, PQ.						

FORM S22-3500-11-65-NPC

DIAMOND DRILL REPORT

NORTH 2 + 60 South of Base Line
EAST. 32 + 00 E
ELEV.
AZIM. Collar - Due South
DIP Collar - 45° 200' - 41°
380' - 37°

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-12
COMMENCED May 25, 1966.
FINISHED May 27, 1966.
PURPOSE OF HOLE Exploration of EM 'Conductor' and Magnetic 'Anomaly'

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
0	20.0	Overburden Casing.						
20.0	64.0	Intermediate volcanic - massive, dark	20.0	50.0	29.4	30.0		
		grey, grey-green and slightly	50.0	64.0	13.7	14.0		
		amphibolitic. Dioritic texture.	63.0	64.0	1.0	1.0	Nil	6740
		Little veining and little if any						
		sulphides.						
		Veining occurs as follows - 28.1 (¼"),						
		39.0 (¼"), 63.3 to 63.7 (quartz carbonate						
		and some sulphides).						
		Fault gouge at 61.2 (¼").						
		Could be dioritic intrusive with						
		fine grained contact (?).						
64.0	75.0	Intermediate to acid volcanic	64.0	67.7	3.4	3.7	Nil	6741
		- tuffaceous (?) with interbands of	67.7	71.5	3.7	3.8	"	-42
		slaty material. 64.0 to 66.8, 67.7 to 68.2,	71.5	75.0	3.5	3.5	"	-43
		68.6 to 69.1, 74.4 to 74.9.						
		All material fine grained, grey to						
		black.						
		Some stringers of quartz.						
		Few sulphides - sphalerite (?)						
		disseminated at 70.3.						
		Bedding at 45° to core.						

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-12 Page 2

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
75.0	87.4	Tuff - dark grey, massive	75.0	87.4	12.1	12.4		
		intermediate tuff with fragments	76.0	77.6	1.6	1.6	Nil	6744
		up to ¼" in diameter.						
		Some sulphides (pyrrhotite)						
		scattered throughout.						
		Quartz carbonate veining at						
		76.5 (1"), 77.2 (½"), - some sulphides with						
		veining.						
87.4	119.6	Slaty - graphitic, water-lain tuff with	87.4	100.0	12.3	12.6		
		interbeds of more coarse tuffaceous	100.0	119.6	19.2	19.6		
		material as follows - 88.1 to 88.4,						
		94.9 to 95.0, 95.8 to 96.3, 101.2 to 101.3,	87.4	90.0	2.5	2.6	Nil	6745
		104.6 (1"), 104.9 to 105.0, 105.7 to 113.9,	90.0	95.0	4.9	5.0	"	-46
		Bedding at 70° to core.	95.0	100.0	4.9	5.0	"	-47
		Quartz carbonate veins at	100.0	103.0	2.9	3.0	"	-48
		94.3 (¼"), 109.8 (½" @ pyrite).	103.0	105.7	2.7	2.7	"	-49
		Some pyrrhotite-pyrite mineral	105.7	110.0	4.2	4.3	"	-50
		especially in bedding planes in	110.0	113.9	3.8	3.9	"	-51
		slaty material.	113.9	117.0	3.0	3.1	"	-52
			117.0	119.6	2.5	2.6	"	-53

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-12 Page 3

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
119.6	169.5	Acidic tuff - feldspathic, mottled	119.6	125.0	5.4	5.4		
		by feldspar and quarts alteration	125.0	150.0	24.5	25.0		
		and veining.	150.0	169.5	19.1	19.5		
		Massive, relatively unaltered						
		section of tuff at 119.6 to 125.9, 128.4	126.0	128.4	2.4	2.4	Nil	6754
		to 128.9, 129.0 to 130.2.	128.4	130.2	1.8	1.8	"	-55
		More quartzitic sections from	130.2	135.0	4.8	4.8	"	-56
		135.3 to 138.5, 156.5 to 160.4, 168.7 to 169.5.	135.0	140.0	4.9	5.0	"	-57
		Somewhat sheared and/or	140.0	145.0	4.8	5.0	"	-58
		brecciated with sulphides in	145.0	150.0	4.8	5.0	"	-59
		intergranular spaces and veins	150.0	155.0	5.0	5.0	"	-60
		(pyrrhotite and pyrite) occupied by	155.0	160.0	4.9	5.0	"	-61
		quartz.	160.0	165.0	4.8	5.0	"	-62
		Shearing at about 65° to core.	165.0	168.7	3.6	3.7	"	-63
		Approximately 20% sulphides						
		as follows - 126.0 to 128.4, 130.3 to 135.4,						
		138.0 to 168.7.						
169.5	200.2	Dorite (?) - similar to above at	169.5	175.0	5.4	5.5		
		20.0 to 64.0. May be volcanic.	175.0	200.2	24.9	25.2		
		Fine grained chloritic intrusive						
		material at both contacts and	168.7	171.1	2.4	2.4	Nil	6764
		as follows - 169.5 to 170.2, 171.0 to 171.3,	173.8	176.5	2.7	2.7	"	-65
		(chilled contact), 173.8 to 174.6, 175.1 to	184.4	187.2	2.8	2.8	"	-66
		175.7, 176.0 to 176.3, 184.5 to 186.2, 187.0						
		to 187.2, 200.0 to 200.2 (chill contact).						

FORM S22-3500-11-65-NPC

NORTH
EAST.
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-12 Page 4

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
		Contacts irregular at 30-40°.						
		Some sulphides near contacts.						
		Inclusion of above material at						
		170.3 to 171.0.						
		No veining.						
200.2	401.0	Volcanic - rhyolitic tuffs (silicified)	200.2	225.0	24.2	24.8		
		interbedded with trachytic and	225.0	250.0	24.7	25.0		
		more basic volcanics.	250.0	275.0	24.7	25.0		
		Feldspathic alteration and	275.0	300.0	24.6	25.0		
		sericite produced granitic	300.0	325.0	24.7	25.0		
		appearance in places.	325.0	350.0	24.7	25.0		
		Trachytic (feldspar 'eyes') as follows -	350.0	375.0	24.9	25.0		
		210.5 to 211.0, 211.6 to 212.0, 213.7 to 214.1,	375.0	401.0	23.0	26.0		
		216.0 to 216.3, 230.0 to 232.3, 235.8 to 236.5,	202.1	205.0	2.8	2.9	Nil	6767
		290.0 to 316.2, 319.3 to 331.0.	205	210.0	4.8	5.0	"	-68
			210.0	215.0	4.9	5.0	"	-69
		Some amphibolitic material in	215.0	220.0	4.9	5.0	"	-70
		bedding planes in places.	220.0	225.0	4.8	5.0	"	-71
		Bedding/shearing at 60° to core.	200.2	202.1	1.9	1.9	"	-72
		Some sulphides disseminated	233.0	235.8	2.7	2.8	"	-73
		throughout.	243.0	243.8	0.8	0.8	"	-74
		Quartz veining as follows - 200.6 to	245.0	247.0	2.0	2.0	"	-75
		202.0 (tr pyrrhotite), 205.6 (½"), 206.0 (1"),	252.0	257.0	4.9	5.0	"	-76
		261.7 (½"), 275.5 (½"), 275.6 to 275.9, 325.1 (½")	260.5	262.5	1.9	2.0	"	-77

FORM S22-3500-11-65-NPC

NORTH
EAST
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-12 Page 5

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
		326.9 (1"), 331.0 to 331.2, 335.1 (1"), 336.0	274.5	276.0	1.5	1.5	Nil	6778
		(½"), 339.9 (½"), 342.1 (½"), 345.5 (½"), 378.1	321.0	324.3	3.3	3.3	"	-79
		to 378.2, 381.4 to 382.2, 383.4 to 386.0 (some	325.0.	330.0	5.0	5.0	"	-80
		sulphides), 391.2 to 391.8, 397.3 to 399.1 (some	330.0	335.0	4.9	5.0	"	-81
		sulphides), 208.3 (½"), 394.6 to 395.1.	335.0	340.0	4.9	5.0	"	-82
		Generally rock types obscured	340.0	345.0	5.0	5.0	"	-83
		by gradational contacts and	378.0	378.5	0.5	0.5	"	-84
		frequency of interbedding.	381.4	382.3	0.9	0.9	"	-85
			382.3	383.3	1.0	1.0	"	-86
			383.3	386.0	2.2	2.7	"	-87
			391.5	392.1	0.6	0.6	"	-88
			394.1	395.1	1.0	1.0	"	-89
			395.1	397.2	2.1	2.1	"	-90
			397.2	399.1	1.9	1.9	"	-91
			399.1	401.0	1.4	1.9	"	-92
401.0		End of Hole.						

Mupron Rumbo
July, 1966
Val d'Or, PQ

FORM S22-3500-11-65-NPC

DIAMOND DRILL REPORT

NORTH 23 + 00 South of Base Line
EAST on XL - 0 + 00
ELEV.
AZIM. Collar - South
DIP Collar - 45° 200' - 36°
390' - 38°

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-13
COMMENCED May 28, 1966.
FINISHED May 31, 1966.
PURPOSE OF HOLE Exploration of EM "Conductor"

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	Au ASSAY	DESCRIPTION OF SAMPLE
0	66.0	Overburden - casing.						
66.0	402.0	Intimate interbedding of acid	66.0	75.0	6.5	9.0		
		to intermediate volcanics especially	75.0	100.0	24.6	25.0		
		from 66.0 to about 200.0 with	100.0	125.0	24.0	25.0		
		increase in intermediate type.	125.0	150.0	24.6	25.0		
		Probably mostly tuffaceous	150.0	175.0	24.7	25.0		
		types.	175.0	200.0	24.7	25.0		
		Acid (dacite) volcanics bleached	200.0	225.0	24.7	25.0		
		by mineralization at 105.0 to 111.2,	225.0	250.0	24.7	25.0		
		118.5 to 118.6, 165.7 to 169.7.	250.0	275.0	24.8	25.0		
			275.0	300.0	24.7	25.0		
			300.0	325.0	24.7	25.0		
			325.0	350.0	24.7	25.0		
		Chorty feldspathic alteration	350.0	375.0	24.8	25.0		
		(veins) at 67.8 (1"), 68.8 to 68.9, 69.1 to	375.0	402.0	27.0	27.0		
		70.0, 70.5 to 71.5, 72.5 to 72.6, 74.2 to						
		74.3, 75.3 (1"), 76.2 (1"), 76.5 to 76.9, 77.5 to						
		77.8, 80.8 (1"), 81.5 (1"), 84.3 to 86.0, 89.6						
		(½"), 89.8 to 90.1, 90.4 (1"), 91.1 to 91.5, 92.6	70.0	75.0	4.9	5.0	Nil	6793
		to 93.0, 94.0 (1"), 94.8 (½"), 95.1 to 96.3,	84.0	86.0	2.0	2.0	"	-94
		102.2 to 102.8, 103.5 (1"), 114.1 to 114.2,	95.0	96.4	1.3	1.4	"	-95
		118.8 (1"), 143.1 to 143.5, 145.4 (1"), 174.9	105.0	108.0	2.9	3.0	"	-96
		to 175.0, 184.2 (½"), 184.3 (½"), 184.7 (1"),	108.0	111.2	3.0	3.2	"	-97
		185.8 to 185.9, 187.7 to 187.9, 191.9 (½"),	111.2	115.0	3.7	3.8	"	-98
		192.1 (½"), 192.9 (½"), 198.8 (½"), 198.7 to	115.0	117.0	1.9	2.0	"	-99

FORM S22-3500-11-65-NPC

NORTH_____
EAST. _____
ELEV. _____
AZIM. _____
DIP_____

DIAMOND DRILL REPORT

PROPERTY ROY GROUP (JOANNES TWP.)

HOLE NO. QR-13 Page 2

COMMENCED_____
FINISHED_____
PURPOSE OF HOLE_____

FROM	TO	DESCRIPTION	CORE SAMPLES Au					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		198.9, 199.4 (½"), 199.7 (½"), 200.5 (½"),	117.0	120.0	2.7	3.0	Nil	6800
		200.7 (½").	120.0	125.0	4.8	5.0	"	-01
			125.0	129.0	3.9	4.0	"	-02
			130.0	132.5	2.5	2.5	"	-03
			136.5	138.0	1.5	1.5	"	-04
			140.0	145.0	4.9	5.0	"	-05
			145.0	150.0	4.8	5.0	"	-06
		Quartz veining as follows - 116.6 (1"),	150.0	152.0	2.0	2.0	0.04	-07
		118.9 (1"), 120.2 (½"), 126.4 (½"), 129.6 (1"),	155.0	160.0	4.9	5.0	Nil	-08
		130.5 (½"), 219.4 (½"), 219.6 (½"), 230.2 (½"),	160.0	165.0	4.9	5.0	"	-09
		231.8 (½"), 232.0 (1"), 255.0 (½"), 255.3 (1"),	165.0	169.8	4.7	4.8	"	-10
		259.2 (1"), 264.0 (½"), 264.6 (½"), 264.8 to	189.4	191.9	2.5	2.5	"	-11
		265.0, 269.3 (½"), 270.9 to 271.0, 272.1 (1"),	215.0	220.0	5.0	5.0	"	-12
		272.9 to 273.1, 276.3 (½"), 279.0 to 279.4,	270.0	275.0	4.9	5.0	"	-13
		284.9 (½"), 288.5 (½"), 293.7 to 293.8,	330.0	334.0	3.8	4.0	"	-14
		294.7 (1"), 295.0 (½"), 295.7 (1"), 301.6 (½"),	379.0	381.4	2.2	2.4	"	-15
		302.1 (½"), 305.3 (½"), 307.0 to 307.1,						
		314.9 (½"), 328.5 (½"), 330.3 to 333.1,						
		333.5 (½"), 369.3 (½"), 374.1 to 376.3,						
		398.8 (½").						
		Amphibolitic especially at 310.6						
		317.6, 324.1 to 329.1						

FORM S22-3500-11-65-NPC

NORTH
EAST
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

ROY GROUP (JOANNES TWP.)

PROPERTY

HOLE NO. QR-13 Page 3

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		Sulphides throughout with						
		concentrations (pyrrhotite-pyrite) as						
		follows - 105.7 to 111.1 (70%), 115.8 to						
		116.7, 118.0 (2"), 119.2 to 119.3, 120.0 to						
		122.0 (10%), 123.0 to 123.1, 127.5 to 128.8						
		(15%), 130.3 to 132.5, 136.5 to 138.0,						
		140.6 to 144.0 (10%), 144.4 to 144.5,						
		144.8 to 146.5, 147.8 to 151.1, 155.4 to						
		155.5, 156.5 to 157.7, 158.3 to 158.8, 159.9						
		161.0 (10%), 161.5 to 165.7, 166.2 to 166.5,						
		167.1 to 167.3 (70%), 168.1 to 169.6,						
		164.4 to 166.9 (disseminated pyrrhotite). From						
		212 to 225 disseminations of						
		pyrrhotite as fine crystals.						
		Approximately from 275' on						
		core is interbeds of tuff						
		and agglomerate of intermediate						
		composition.						
402.0		End of Hole. Magnus Krenke						
		July, 1966						
		Val d'Or, P.Q.						