DIAMOND I

TOWNSHIP: Hoyle

REPORT NO.: 25

WORK PERFORMED BY: Rosario Resources

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
P 508688	MH-79-1	600.0	Jan/79	(1)
	MH-78-7	601.0	Dec/78	(1)
P 508690	MH-78-6	540.0	Dec/78	(1)
	MH-78-4	240.0	Dec/78	(1)
	MH-78-5	510.0	Dec/78	(1)

NOTES: (1) #365-80

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Diamond Drilling Log

Fill in on every page

Hole No.	Page No.
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Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at		°
DOMINIK DRILLING	0	212°	600	Collar	-45	
				110 Ft.	-44	°
				310 Ft.	-36	°
				510 Ft.	-23	°
				Ft.		°

Date Hole Started	Date Completed	Date Logged	Logged by
Jan 8/79	Jan 14/79	Jan 23/79	B. Durham

Exploration Co., Owner or Optionee: ROSARIO RESOURCES CANADA LTD.

Date Submitted:

Submitted by (Signature): Bruce Durham

Location of hole in relation to a fixed point on the claim: L 43 + 00W, 28 + 00S

Map Reference No.:

Claim No.: P. 508688

Location (Twp., Lot, Con. or Lat. and Long.): Hoyle Twp. Con.II, lot 8, S½, NW¼

Property Name: Murphy - Hoyle Allerston

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	~~Core~~ Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
0	110	Overburden	Casing through overburden	30	110					
				35	117					
110	212	Argillite - gwke sequences	Well bedded argillite - which grades down hole to massive greywacke (with a few coarse angular frags).	35	127					
				30	138					
			There appears to be 2 weak foliations developed and very minor sericite developed.	30	144					
			Fine pyrite occurs in trace amounts to .5% throughout the sequences. Rare hairline qtz veinlets at 10 - 25° to CA.	30	146					
			Sequence tops are identifiable at 110.0, 117.0, 127.0, 138.5, 139.5	30	152					
			144.0, 146.5, 152-3, 163	40	163					
			165.5 - 166.5 alteration zone with erratic qtz veinlets			7966	165.5	171	5.5	tr
			166.5 - 170.5 massive white qtz vein							
			Qtz vein 170.5 - 173 dark grey argillite qtz veinlets abundant at 170.5 decreasing to back ground by 173 (minor mg, py)							
			173 - 178 massive gwke. coarse fragments at 176	35	178					
			178 argillite - top of sequence							
			3/4" sericitic py rich white qv at 179.9			7977	178.5	181.5	3	tr
			a few qtz stringers ∠¼" at 181							
			181.5 argillite - top of sequence	40	181.5					
			weak fracture pattern resulting in hairline qtz veinlets at very shallow angles (throughout)							

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Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
				Collar °			
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. °			
				Ft. °		Property Name	
				Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	~~Core~~ Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
			193.2 argillite top of sequence possible x-bedding.	35	193.5					
		Altered argillite-	194.2 argillite top of sequence	35	194.5					
		gwke zone	first appearance of significant mg & fg, py mineralization			7968	202	205.5	3.5	.002
			increased sericite content			7969	205.5	209	3.5	tr
			205.5 first significant qtz mineralization			7970	209	210.5	1.5	tr
			qtz veins are generally ∠1" sericitic & have minor smeared			7971	211.2	219	7.8	.002
			py in the vein							
			208.6 Argillitic top (altered) bedding	60						
			208.6 - 210 several ½" qtz veins in altered gwke							
212	251	Argillite (gwke)	Mainly a highly veined and moderately altered argillite with							
		(to med grey fine	minor gwke sections			7972	219	226	7	tr
		gwke)	Qtz veining is generally erratic in nature			7973	226	230	4	.002
			veins are usually narrow ∠.5" and often sinuous and cross one			7974	230	235	5	.002
			another. The larger veins ≥.5" appear to be sub-parallel to			7975	235	240	5	tr
			bedding and cut the core at 50 - 70°. Overall qtz - veining			7976	240	245	5	.002
			averages 10% with only a trace of carbonate.			7977	245	247	2	.002
			Py averages 2 - 5% throughout (both as coarse grains and clots,							
			and as fine grains).							
251	261	greywacke (arg)	Mainly massive rather siliceous or silicified gwke with							
			5 - 7% mg pyrite only minor qtz veining to 258 - 261 10% qtz veining			7978	254	256	2	.005
			including 1 - 2" vein at 260.2			7979	257.7	262	4.3	.01
261	271.5	slightly cherty	Siliceous light grey to slightly tan grey			7980	262	267	5	.04
		argillite	very massive unit pyritic qtz veined which very gradually			7981	267	271.5	4.5	.005
			becomes less siliceous and slightly graphitic qtz veins narrow							
			& often highly contorted py 2 - 5%							

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Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Collar		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft.		Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	~~Core~~ ~~Specimen~~ Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
271.5	273.0	Qtz Vein	Massive white sericitic qtz vein with coarse py and fine py			7982	271.5	275.5	4	tr
			smears, and inclusions of argillite			7983	275.5	279.5	4	tr
273.0	276.5	Qtz vein-argillite	60% argillite 40% qtz vein/qtz more dominant near edges of							
			enclosing veins.							
276.5	279.5	Qtz vein	as above 271.5 - 273.							
279.5	284	Greywacke	Siliceous or silicified gwke with 3 - 5% py largely broken core			7984	279.5	284	4.5	.002
			5 - 10% qtz veining							
284	356	Argillite	Medium grey massive to thinly bedded silty argillite to nearly			7985	284	289	5	.01
			fine greywacke	40	289	7986	290	294	4	.005
			calcite veined & calcite-qtz veined from 284 - 294	70	294	7987	295	296	1	.002
			qtz veins from 294 - 303 average 5 - 8%	60	297	7988	298	303	5	.01
			303 - average 2 - 5% (rarely ½")	40	309	7989	306	307	1	.002
			py occurs as med grained cubes and fine streaky disseminated	50	322					
			grain in the ground mass average py 1 - 3%	60	329	7990	327	328	1	.005
			Graded bedding where discernible indicates tops are up the hole	50	332	7991	336	337	1	tr
			(some cross bedding).	52	341	7992	351.5	355.0	3.5	.002
			sedimentary sequence gradually becomes more fine grained and	60	357	7993	356	357	1	.002
			slightly darker grey overall.							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

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Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar °	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. ° / Ft. ° / Ft. °		Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core ~~Specimen~~ Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.	
356	365	Argillite (gf)	Rapid but subtle change to a dark grey fg mod graphitic argillite with coarse py cubes & clots.	65	359	7994	361.5	362	.5	tr	
365	370	Graphitic arg.	highly graphitic zone, sheared, pyritic, argillitic			7995	367	372	5	tr	
370	418.5	Argillite	Rapid but subtle change back to a med grey argillite, mod graphitic grading to not graphitic pyritized (2 - 3%) mod-highly veined with quartz stringers (trace carbonate)-irregular randomly oriented discontinuous veinlets $< \frac{1}{4}$" mod sericitic, slightly-moderately foliated. quartz 5 - 8% no bedding discernible due to mod foliation py 2 - 3% at 20 - 35° to CA.			7996	372	377	5	.002	
						7997	377	382	5	.005	
						7998	382	387	5	.005	
						7999	387	392	5	.002	
						8000	392	397	5	tr	
						8501	397.5	399.5	2	tr	
						8502	403	407	4	.002	
						8503	409	412	3	tr	
418.5	421	Argillite (gf)	mod graphitic argillite with an increase in py content to 5-7%			8504	422	424	2	.002	
421	424	Quartz vein	sheared sericitic graphitic qtz vein with some smeared py (largely ground & broken core).								
424	438	Graphitic pyritic tuff or arg.	424 - 432.5 very graphitic arg? with nodular or fragments py up to .3" diam., py fragments are often stretched								
			432.5 - 438 15 - 30% thin bedded massive py bands and finely disseminated py in a graphitic matrix			8505	432.5	437.5	5	.01	

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Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
					Collar °			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.		
438	457.6	Altered Andesite	Med grey gradually grading to light grey to tan grey massive andesite with 1 - 2% coarse py throughout mildly carbonated and sericitized weakly sheared at approx. 20° to CA. quartz veinlets < 2%			8506	439	441	2	tr		
						8507	453	455	2	tr		
457.6	458	Black chert (flow Top?)	Narrow slightly carbonated, and graphitic 2 - 4% py.			8508	459	460	1	tr		
458	494	Carbonated Andesite	Tan coloured fg massive mg py bearing (<1%) volcanic.			8509	473	474	1	tr		
			The colour of this unit begins to fade to a light tan green in the lower 5 feet.			8510	483	483.5	.5	.005		
						8511	490	491	1	tr		
494	540	Andesite	Pale grading medium (bright) green massive calcitic, po bearing (<2%) lava. quartz veinlets <1% calcite 5 - 8% Rarely vessicular and occasionally has pillow edge - like structures eg 523 - 525									
540	575	Andesite	Very subtle colour change from med green to light green-tan which by 550 is tan colour. Accompanying the colour change is an increase in the shearing strength which is developed at about 15° to the CA. Shear faces are chloritic as opposed to sericitic and is py & po bearing. (<2% combined).			8512	570	571	1	tr		

* For [illegible] measured from the [illegible]

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Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at ° Collar
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °
					Ft. °
					Ft. °

Location of hole in relation to a fixed point on the claim.

Map Reference No. | Claim No.

Location (Twp., Lot, Con. or Lat. and Long.)

Property Name

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
575	600	Argillite Andesite	Probably volcanic flow contact			8513	580	583	3	
			marked by volcanic debris and argillitic material now difficult							
			to recognize due to shearing which nearly parallels the core			8514	593.5	594.5	1	
			axis.							
						8515	596	599	3	
			This zone is calcitic py bearing/very mildly graphitic and is							
			cut by a few barren quartz veinlets and stringers							
			Quartz veins 5%							
			py 2 - 4%							

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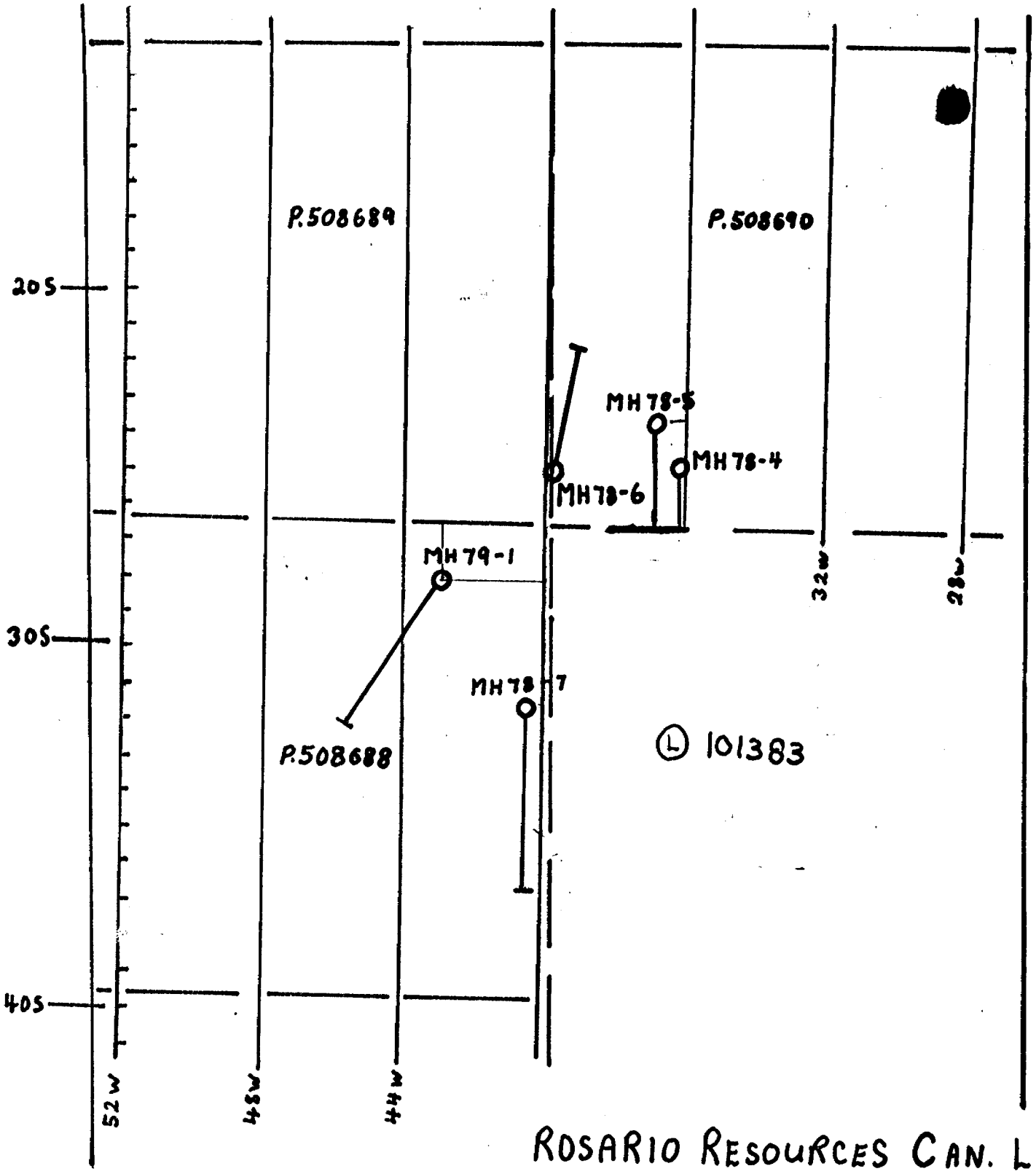
Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at ° Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °		Property Name	
					Ft. °			
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.		
			Sludge Assays									
			Lost return			7960	110	120	10	.002		
						7961	150	160	10	Tr		
						7962	160	170	10	.002		
						7963	170	180	10	.002		
						7964	180	190	10	.002		
						7965	190	200	10	.002		
			Lost return									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† As



ROSARIO RESOURCES CAN. Ltd.

Drill Hole Location Map

Hoyle Twp.

1" - 400'

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Hole No. MH 78-7 | Page No. 1

Drilling Company: DOMINIK	Collar Elevation	Bearing of hole from true North: 195°	Total Footage: 601	Dip of Hole at: Collar -45°; 134 Ft. -41°; 340 Ft. -32°; 540 Ft. -27°; Ft.
Date Hole Started: December 18/78	Date Completed: Dec 22/78	Date Logged: Jan 5/79	Logged by: Bruce Durham	
Exploration Co., Owner or Optionee: ROSARIO RESOURCES CANADA LTD.		Date Submitted	Submitted by (Signature): Bruce Durham	

Location of hole in relation to a fixed point on the claim: L 40 + 00W, 30 + 00S

Map Reference No.

Claim No.: P. 508688

Location (Twp., Lot, Con. or Lat. and Long.): Hoyle Twp., Con. II, lot 8, S½, NW¼

Property Name: Murphy - Hoyle

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
0	134	Overburden	Casing in overburden							
134	138	Argillite	med grey massive to bedded 3% qtz stringers <.2"	134 - 138 3' ground core bedding 35 .5 - 1% fine diss py						
138	147	Argillite	med grey massive to bedded and possibly cross bedded. white quartz pieces in ground core up to 5% py in some pieces of ground core	138 - 147 7' ground core						
147	187.8	Argillite	Well developed sequence of graded bedded argillites 35-40 sequence tops - generally vfg thinly bedded medium and dark grey beds grading downhole to a more massive fine - med grained section which then, near the basal part of the section becomes med grained. The basal part of each sequence is in sharp contact with the vf grained top of the underlying sequence. 147-157 2' qtz calcite bedding where undisturbed is 52 - 58° 157-167 4' qtz calcite Moderately developed fracture pattern is at 20 - 30° to the CA and cuts bedding planes at 30 - 40° 169 - 181 hairline fractures are qtz-cb filled and carry considerable py (minor sericite) disseminated py is present throughout (1 - 2%) but in places increases to 3 - 5% aver. short sections 176 qv in part 11 to CA up to 1" wide with py & sericite (white).							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Add [illegible]

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Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at ° Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °		Property Name	
					Ft. °			
					Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
187.8	194.5	graphitic argillite	massive to well bedded graphitic & pyritic argillite	50						
			50% py in a 1" band at 192?							
194.5	227	Bleached Andesite?	massive highly leached light to med grey volcanic friable							
			and oxidized in places							
			py up to 15% in upper part decreasing to 2% in lower section.							
			occasional narrow q.v.'s (<.8") shr	50						
			205 - 209, 217 - 221 Fault zone							
227	244	Bleached Andesite	massive mod leached med to dark grey, weakly carb'd volc.							
			(similar to above and gradational from)							
			some qv's generally <.5" py 1 - 3% disseminated and							
			associated with fractures.							
244	322.5	Andesite (occasionally pillowed)	pale green to grey tan sl cb'd volc. fine grained							
			high concentration of grey-black, microfractures							
			slightly chloritic throughout. shr	30-40						
			quartz <5%							
			py 1% to ooc. 5%							
			270-280 andesite becomes less tan coloured and by 280 is							
			distinctly green and the dominant sulfide species has changed							
			from py to po.							
			po <2%							
			also notable decrease in amount of shearing shr	30-40						
			289 - 311 qtz-cb sweats & 9 narrow veinlets up to 10%							
			316-322.5 gradual decrease in green colour replaced by tan-							
			grey (as at 244) weak shrs	35-40						

Form LA 656 (11/74)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See ...

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Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
				Collar °			
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. °		Property Name	
				Ft. °			
				Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au
322.5	350	Andesite (fragmental?) strong calcite alteration	gradual increase in carbonatization and therefore tan grey colour also increase in microfractures (black-grey) down hole and irregular discontinuous quartz-cb sweats & veinlets averaging 15% in lower section shearing weak & irregular Contact marked by .3' putty coloured band (with apple green clots) and 10 - 15% py (disseminated)							
350.3	399	Chert-argillite graphite - carb IF - same as Whitney	Very complex chert-carbonate (calcite) graphite pyrite unit bedding 45°			7901	360	365	5	tr
			350.3 - 357.0 mainly black sl graph chert with 10 - 15% calcite veins and sweats py occasional disseminated grains but largely developed as irregular elongate nodules (broken beds)			7902	365	369	4	tr
			352 - 362.5 nearly massive white calcite with minor black chert py <2%			7903	369	376	7	tr
			362.5-370 Chert-calcite unit minor gf-py 2 - 5%			7904	376	380	4	.005
			368 - 370 finely bedded more graphitic			7905	380	385	5	.005
			365.5 .5" putty coloured unit as at 350.			7906	385	390	5	tr
			370 - 399 thinly bedded graphitic argillite bedding throughout occasional cherty py nodules <1" long.	65-70		7907	390	395	5	tr
						7908	395	399	4	.002
399	399.5	Py exhalite	20 - 30% f-mg py set in a f-vfg light grey to sl graphitic ground mass			7909	399	404	5	.002
						7910	404	409	5	.002
399.5	468	Cb'd volcanic strong calcite alteration 399.5 - 470'	grey-tan grading to brown massive volcanic by 413'			7911	409	414	5	tr
			quartz <10% overall			7912	414	419	5	tr
			py 1 - 3% (disseminated)			7913	419	424	5	tr
			occasional trace of silver white sericite along shr planes			7914	424	429	5	tr
			shearing is weak and irregular throughout							

* For features such as foliation, bedding, schistosity, measured from the long axis of

† All

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Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
				Collar °			
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. °			
				Ft. °		Property Name	
				Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
		High calcite to 496'	431 - 445 slightly grey tan with minor graphite along fractures			7926	440	445	5	tr
			weak shearing	35-45		7927	445	450	5	.002
			445 - 465 tan carbonated volcanic ∠5% qtz veins			7928	450	455	5	.002
			∠3% py minor po.			7929	455	460	5	tr
			465 - 468 tan to v slightly green-tan cb'd volcanic.			7930	460	465	5	tr
						7931	465	470	5	.002
468	568.3	Andesite	Gradual change to light green po bearing andesite			470 - 473 10% diss py - po				
		below 496' minor	massive, fine grained, weakly chloritic							
		calcite in fracture only to 523'	minor qtz-cb gash type veinlets po 1 - 3%			7932	470	475	5	.03
			py ∠1%			7933	475	480	5	.025
			qv at 10° to CA at 491'			475 - 479 10% diss. po - py - cpy.				
			weak shearing	45						
			499 - 500 a few amygdules pillow margin at 502 & 499 & 489							
			516 - 517 siliceous finely amygdaloidal?			7915	535	538	3	tr
		High calcite 523-601	very gradual change in colour starting at 535 from light			7916	546	551	5	.05
			green to light green-tan.			7917	551	556	5	tr
			a few scattered amygdules from 539 - 549			7918	561	566	5	.002
			starting at 542 there is a noticable increase in frequency			7919	566	571	5	.002
			& strength of shearing, shear planes are chloritic not			7920	571	576	5	.005
			sericitic. There is also an increase in qtz veins & veinlets			7921	576	581	5	.002
			to 5% shearing	15-25		7922	581	586	5	tr
						7923	586	591	5	.002
						7924	591	596	5	tr
						7925	596	600	4	.002
						7959	556	561	5	.005

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page

Hole No. MH 78-7 | Page No. 5

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at ° Collar	Location of hole in relation to a fixed point on the claim.
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °	Map Reference No. / Claim No.
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. °	Location (Twp., Lot, Con. or Lat. and Long.)
				Ft. °	Property Name
				Ft. °	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
568.3	583.5	Argillite-Andesite	apparent volcanic flow contact marked by sheared andesite-argillite zone, the andesite being fine grained, vessicular (py & qtz-cb filled). Due to shearing no bedding is apparent in the argillite but rather it is streaky within the andesite							
			shearing	10-15						
583.5	601	Andesite	Sheared to massive tan green to light green fg andesite weakly developed brown sericite along shear planes, also some chlorite along shr's.							
			quartz veins 2 - 5%							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional

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Diamond Drilling Log

Fill in on every page

Hole No.	Page No.
MH 78-7	6

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
				Collar ° Ft. ° Ft. ° Ft. ° Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Date Hole Started / Date Completed	Date Logged	Logged by				Property Name	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)					

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.		
			Sludge Assays			7840	140	150	10	.002		
						7941	150	160	10	.005		
						7842	160	170	10	.01		
						7843	170	180	10	.002		
						7844	180	190	10	.005		
						7845	190	200	10	.005		
						7846	200	210	10	.002		
						7847	210	220	10	.01		
						7848	220	230	10	.002		
						7849	230	240	10	Tr		
						7850	240	250	10	.002		
						7851	250	260	10	Tr		
						7852	260	270	10	Tr		
						7853	270	280	10	.005		

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Ontario

Diamond Drilling Log

Fill in on every page

Hole No.	Page No.
MH 78-7	7

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Collar ° Ft. ° Ft. ° Ft. ° Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)				Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
			Sludge Assays							
						7854	280	290	10	.002
						7855	290	300	10	.002
						7856	300	310	10	Tr
						7857	310	320	10	Tr
						7858	320	330	10	Tr
						7859	330	340	10	Tr
						7860	340	350	10	Tr
						7861	350	360	10	Tr
						7862	360	370	10	Tr
						7863	370	380	10	.002
						7864	380	390	10	.002
						7865	390	400	10	.005
						7866	400	410	10	.002

* For features such as foliation, bedding, schistosity, measured from the long axis of the

† Additional

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Diamond Drilling Log

Fill in on every page

Hole No.	Page No.
MH 78-7	8

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar ° Ft. ° Ft. ° Ft. ° Ft. °
Date Hole Started	Date Completed	Date Logged	Logged by		
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		

Location of hole in relation to a fixed point on the claim.

Map Reference No. | Claim No.

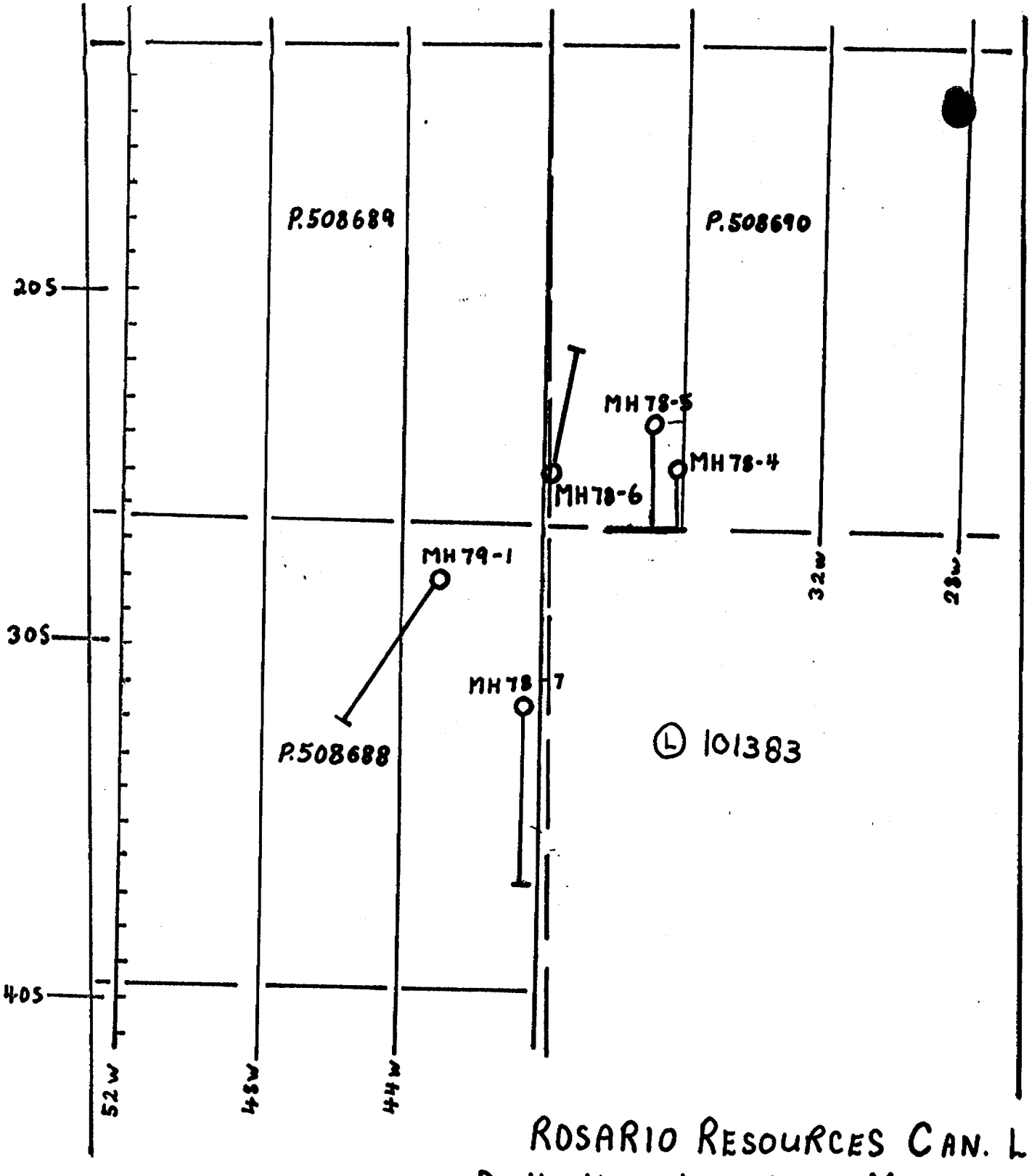
Location (Twp., Lot, Con. or Lat. and Long.)

Property Name

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.	
			Sludge Assays			7867	410	420	10	.005	
						7868	420	430	10	.002	
						7869	430	440	10	Tr	
						7870	440	450	10	.005	
						7871	450	460	10	.005	
						7872	460	470	10	.002	
						7873	470	480	10	.005	
						7874	480	490	10	.002	
						7875	490	499	9	.002	
			Lost return								

* For features such as foliation, bedding, schistosity, measured from the core axis

† Additional credit available. See Assessment Work Regulations



ROSARIO RESOURCES CAN. Ltd.

Drill Hole Location Map

Hoyle Twp.

1" - 400'

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Ontario

Diamond Drilling Log

Fill in on every page

Hole No.	Page No.
MH 78-6	1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at		Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
DOMINIK	0	N 15°E	540	Collar	-45			P. 508690
Date Hole Started: December 12/78	Date Completed: December 17/78	Date Logged: Dec 19	Logged by: B. Durham & R. Middleton	156 Ft.	50		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee: ROSARIO RESOURCES CANADA LTD.		Date Submitted	Submitted by (Signature): R. Middleton	356 Ft.	49	L 40W 25 + 20S	Hoyle Twp. Con. II, lot 8, N½, SE¼	
				540 Ft.	39		Property Name: Murphy-Hoyle	
				Ft.				

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
0	155	Overburden	Casing through overburden							
155	157	grey wacke	Massive, light greyish green grey wacke with rare thin-angular argillite frags up to .7" long. trace py	50						
157	159	argillite	broken contact to poorly bedded med grey argillite	40						
159	165	grey wacke	massive light grey grey wacke with 5% angular and thin argillite fragments py-tr-.5%	50						
165	172.5	Argillite (grey wacke)	largely bedded (light and med grey) argillite with narrow grey wacke beds (tops up hole) py .5%	35						
172.5	220	grey wacke (argillite)	largely grey wacke sequences with minor argillite bands at the top of each sequence							
			sequence tops at 172.5 173.5 .1" qv with 10% py							
			176 179 tops up hole	35						
			177 181.5 tops up hole	32						
			179	50						
			181.5 schistosity 187	50						
			186							
			192.2	40						
			195	30-40						
			199	30						
			209	35?						
			218	20						
			Mild clay alteration 202 - 220 like in 74-3,2 holes							
			sequences are generally med grained grey wacke and become slightly finer up hole then are capped with argillite (generally <1') py overall <1% but py forms nearly massive hairline veins along some fractures							

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Ontario

Diamond Drilling Log

Fill in on every page

Hole No.	Page No.
MH 78-6	2

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
					Collar			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.		
220	316.5	argillite +	medium to dark grey massive argillite - rarely bedded enough									
		grey wacke	to obtain core angles. slightly graphitic 221	20								
			227	20								
			249-257	5								
			269	5								
			271	10								
			py occurs throughout section mainly as coarse euhedral isolated									
			grains py content 1 - 3%									
			Quartz veining 1/8" 283-289 with 50% recovery			7934	282	289	7	Tr		
			Quartz veining 1" @ 290.5			7935	290.5	292.5	2	Tr		
			Quartz veining 1" @ 292.5									
			1" @ 294									
			297	24								
			299	5								
			Becomes predominately grey wacke @ 301 and both coarse and fine			7936	301	305	4	Tr		
			pyrite begin to appear 3 - 6% to 316			7937	305	310	5	Tr		
			306	25		7938	310	315	5	Tr		
316.5	480	Graphite	Black graphite with vague argillite bands, vuggy									
			5% pyrite nodules and fragments start @ 329 - 366									
			Bedding 326	15								
			(fold axis) 335	0								
			337	10								

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page

Hole No.	Page No.
MH 78-6	3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
					Collar °			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.		
316.5	480	Graphite	2' core loss @ 344									
						7939	344	349	5	Tr		
	continued		4" band 70% pyrite @ 360'									
			3' core loss @ 362									
			Qtz banding 342-348 65° to core axis									
			349	0								
			357	30								
			40% pyrite 362 - 364			7940	360	365	5	.005		
			399	27								
			Lineation 47° to CA									
			Poor recovery 368-370									
			2' core loss @ 380									
			Pyrite nodules start again 380 5% then disappears by 386									
			Beds and shears @401'	42								
			Pyrite nodules begin again 401 and increases to 15% by 403			7941	401	407	6	.005		
			to 420			7942	412	417	5	.005		
			silica-calcite fragments and in filling accompany pyrite then									
			py + silica decreases to 5% after 420'									
			schistosity 420'	35								
			Beds @ 425'	50								
			Quartz veins + py 1% 447 2" 50% rec			7943	447	449	2	Tr		

* For features such as foliation, bedding, schistosity, measured from the

Ontario Ministry of Natural Resources

Diamond Drilling Log

Fill in on every page → Hole No. MH 78-6 | Page No. 4

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started / Date Completed	Date Logged	Logged by		Collar / Ft. / Ft. / Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)				Property Name	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
326.5	480	Graphite	Felsic silica fragments ½" + in fillings sometimes have sericite associated with them. These felsic clots diminish from 420 to 5% and then 1% after 427 but suddenly appear at 451 as 10% 1/8" sized fragments and in filling to 466 then grades into black graphite with faint argillite banding beginning to show			7944	459	464	5	Tr
			3' core loss 475-480							
			3% large ½" pyrite cubes 466-480 461	40						
480	540	Argillite	Grey bands 1' wide of grey wacke - argillite sequence							
			¼" veins @ 484 and 485			7946	484	485.3	1.3	Tr
			¼" qtz vein 492' perpendicular to beds							
			5% dissem. ankerite 480 - 540 481	34						
			Tops up hole 485	37						
			Beds flatten 490	50						
			down hole 493	27						
			½" Qtz vein 494.5 and beds turn. Qtz vein is in fault?	60		7945	494	495	1	Tr

Ministry of Natural Resources
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Diamond Drilling Log

Fill in on every page

Hole No.	Page No.
MH 78-6	5

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
					Collar °			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.		
			Qtz vein 499.5 ½" gash									
			Qtz vein 501 ¼" vein									
			Qtz vein 512-513 + sericite									
			Qtz veins 514.5 1" + sericite									
			Fold axis @ 504	35		7947	511.9	513	1.1	Tr		
			507	0								
			508 Beds	30		7948	514	515	1	Tr		
			509 Beds	0								
			511 Beds	45								
			514 Bedding	40								
			517	60								
			Quartz veins 521.2 ¼" wormy									
			cut bedding 523.2 1"									
			523.6 1" + py 70°									
			524.3 1.5"									
			524.6 ¼"			7949	523	525	2	Tr		
			524.8 ¼" 70°									
			529.8 1/8" x beds									
			531 ½" 60°			7951	530.5	531.5	1	Tr		
			535.5 40°			7950	535	536	1	Tr		
			Beds 532'	33								

* For features such as [illegible] measured from the [illegible]

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page

Hole No.	Page No.
MH 78-6	6

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
					Collar °			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
			Sludge			7801	155	160	5	Tr
						7802	160	170	10	.002
						7803	170	180	10	Tr
						7804	180	190	10	Tr
						7805	190	200	10	.002
						7806	200	210	10	Tr
						7807	210	220	10	Tr
						7808	220	230	10	Tr
						7809	230	240	10	Tr
						7810	240	250	10	Tr
						7811	250	260	10	Tr
						7812	260	270	10	Tr
						7813	270	280	10	Tr
						7814	280	290	10	Tr
						7815	290	300	10	Tr
						7816	300	310	10	Tr
						7817	310	320	10	Tr
						7818	320	330	10	Tr
						7819	330	340	10	Tr
						7820	340	350	10	Tr
						7821	350	360	10	Tr
						7822	360	370	10	Tr
						7823	370	380	10	Tr
						7824	380	390	10	Tr
						7825	390	400	10	Tr
						7826	400	410	10	Tr
						7827	410	420	10	Tr
						7828	420	430	10	.002
						7829	430	440	10	Tr
						7830	440	450	10	Tr
						7831	450	460	10	Tr

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Diamond Drilling Log

Fill in on every page

Hole No.	Page No.
MH 78-6	7

Drilling Company		Collar Elevation	Bearing of hole from true North / Total Footage	Dip of Hole at Collar °
Date Hole Started	Date Completed	Date Logged	Logged by	Ft. °
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)	Ft. ° / Ft. ° / Ft. °

Location of hole in relation to a fixed point on the claim.

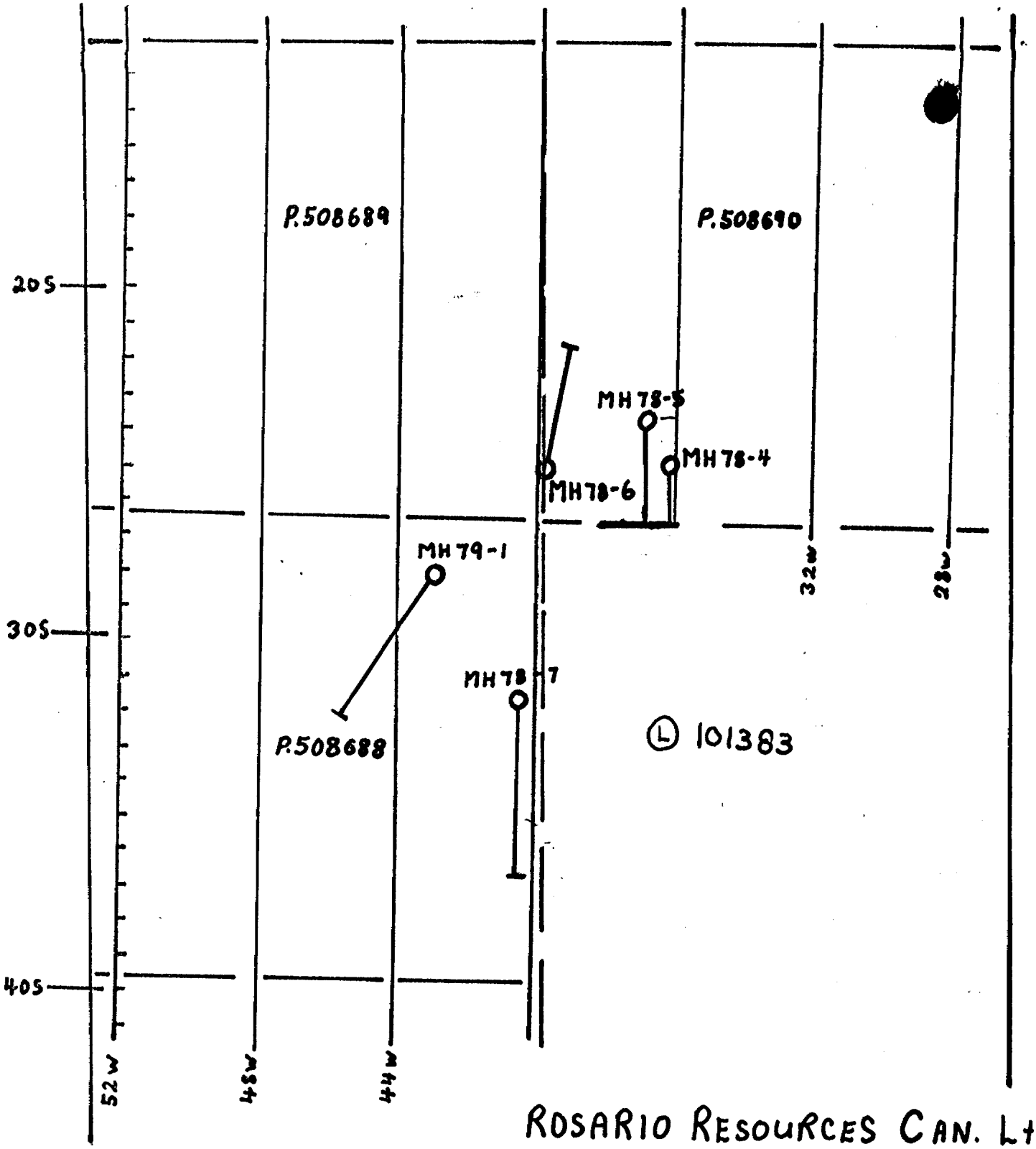
Map Reference No. | Claim No.

Location (Twp., Lot, Con. or Lat. and Long.)

Property Name

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.		
			Sludge			7832	460	470	10	Tr		
						7833	470	480	10	Tr		
						7834	480	490	10	Tr		
						7835	490	500	10	Tr		
						7836	500	510	10	Tr		
						7837	510	520	10	Tr		
						7838	520	530	10	Tr		
						7839	530	540	10	Tr		

* For features such as foliation, bedding, schistosity, mineral alignment



ROSARIO RESOURCES CAN. Ltd.

Drill Hole Location Map

Hoyle Twp.

1" - 400'

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Ontario

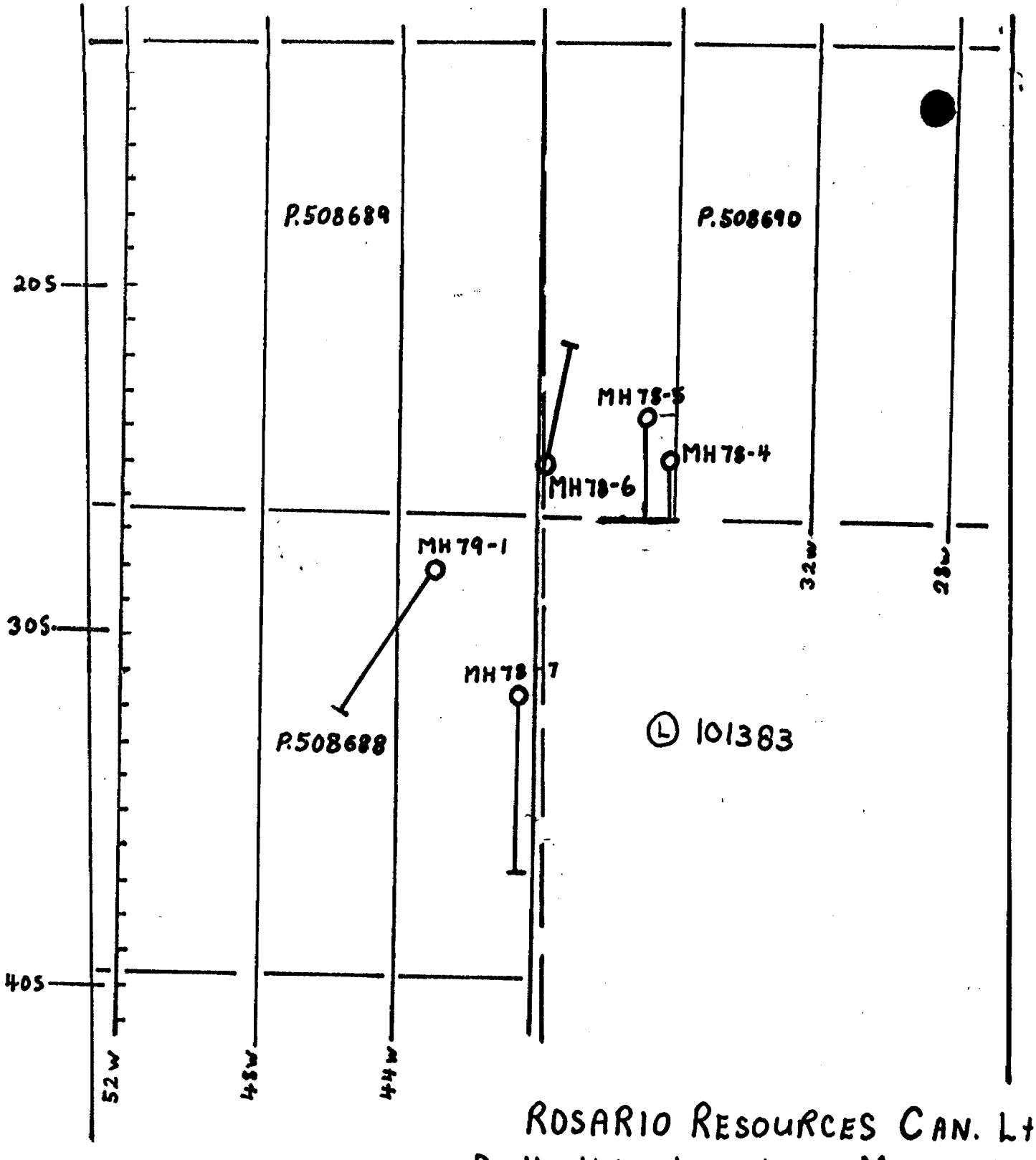
Diamond Drilling Log

Fill in on every page

Hole No. MH 78-4 | Page No. 1

Drilling Company: DOMINIK	Collar Elevation: 0	Bearing of hole from true North: 180°	Total Footage: 240	Dip of Hole at: Collar −45°	Location of hole in relation to a fixed point on the claim: L 36W, 24 + 80S
Date Hole Started: Dec. 2/78	Date Completed: Dec. 5/78	Date Logged: Dec. 5/78	Logged by: R. Middleton	220 Ft. −47°	Map Reference No.
Exploration Co., Owner or Optionee: ROSARIO RESOURCES CANADA LTD.		Date Submitted	Submitted by (Signature): R Middleton	Ft. ° / Ft. ° / Ft. °	Claim No.: P. 508690
					Location (Twp., Lot, Con. or Lat. and Long.): Hoyle, lot 8, Con. II, N½
					Property Name: Murphy Hoyle

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.	
0	130	Overburden	0 - 40 Clay 40 - 130 Sand + gravel								
130	240	Graphite Tuff + pyrite zone	Black graphite tuff with coarse pyrite xls 20% + bands of		Sludge + chips	7703	130	200	70	.005	
			sericite + clay.		"	7704	200	204	4	.002	
			Beds contorted but overall 35° to CA		"	7705	204	214	10	.002	
			Dip possibly to south.		"	7706	214	224	10	Tr	
			Sludge recovery mainly plus poor core recovery 130 - 230 then		"	7707	224	234	10	.002	
			60% recovery 230 - 240.		"	7708	234	240	6	.01	
					Core	7709	230	240	10	Tr	
			Stopped hole on claim boundary 26 + 40S								



ROSARIO RESOURCES CAN. Ltd.

Drill Hole Location Map

Hoyle Twp.

1" - 400'

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Ontario

Diamond Drilling Log

Fill in on every page → Hole No. MH-78-5 | Page No. 1

Drilling Company: DOMINIK	Collar Elevation:	Bearing of hole from true North: 180	Total Footage: 510	DIP OF HOLE AT collar: -45°	Location of hole in relation to a fixed point on the claim: L 36W, 22 + 70S
Date Hole Started: December 6 /78	Date Completed: December 11, 1978	Date Logged: Dec.18/78	Logged by: R. Middleton	ft: °	
Exploration Co., Owner or Optionee: Rosario Resources Canada Ltd.		Date Submitted	Submitted by (Signature): R Middleton	ft: °	
				ft: °	
				ft: °	

Map Reference No.: | Claim No.: P. 508690

Location (Twp., Lot, Con. or Lat. and Long.): Hoyle, Con. 2, lot 8, N½, SE¼

Property Name: Murphy-Hoyle

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
0	132	Overburden	Clay - then sand gravel base.							
132	405	Argillite + Grey wacke	Grey to black + grey banding, clasts of dark slate in grey mg-fg gritty grey wacke bands			7952	138	140	2	Tr
			Occassional coarse pyrite cubes ¼ - ½".			7953	162	164	2	Tr
			Lineations formed in bedding planes by shearing							
			Tops up hole @ 157'							
			Tops down @168', 219'							
			Tops up @ 308, 321' 345 then tops down 350, 359, 380							
			Grey wacke beds up to 12" with portions of argillite beds included and sometimes highly folded.							
			At least 2 stages of folding noted. Isoclinal folds.							
			5" Qtz carb vuggy @ 237.0 + white sericite			7954	237	238	1	Tr
			1" Qtz carb vuggy @ 239 + white sericite/5% ankerite dissiminated @ 241			7955	238.5	239	.5	Tr
			Thickness of black argillite and grey wacke beds increases after 243 to 4'			7956	243	244	1	.025
			Contorted carbonate in beds @ 243 - 244							
			½" Qtz carb vuggy vein @ 252							
			¼" white carbonate vein @ 275							
			Numerous bands carbonate + qtz 283 - 284 + 3% py			7957	283	284	1	Tr
			narrow Qtz carb bands @ 361 - 362			7798	361	362	1	Tr

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. MH 78-5 | Page No. 2

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at ° Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. ° / Ft. ° / Ft. °		Property Name	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.		
132	405	Argillite +	White bull qtz veinlets 371 - 375			7799	371	375	4	Tr		
	continued	grey wacke										
			381 - 390 Pyritized argillite + ground up qtz veins poor core			7958	381	390	9	.002		
			recovery									
			narrow Qtz carb bands 397' - 403'			7800	397	403	6	Tr		
405	420.5	Carbonate zone	Grey and green carbonate with dark chlorite on schistosity planes			7783	405	410	5	Tr		
			and 1/8" qtz veinlets.									
			Very fine pyrite 5% + white sericite 5 - 10%			7784	410	415	5	Tr		
			Green micaceous flakes (fuchite?)									
						7785	415	420	5	Tr		
420.5	455	Argillite	Black to grey argillite with only minor grey wacke beds 3"				434	435	1			
			Tops up hole @ 444' Tops down at 444 Tops up at 450			7786	455	465	10	Tr		
			(Calcite)									
455	486	Carbonate zone	Light brown to tan carbonate, schistose with pyrite on schistosity									
		Volcanic?	planes (up to 8% quartz veinlets 10% overall)			7787	465	470	5	Tr		
			Faulted upper contact?, lower contact grades			7788	470	475	5	Tr		
486	502.5	Transition from	from tan coloured rock to grey black chlorite-graphite. Coarse			7789	475	480	5	Tr		
		carbonate to	py begins 484 (5% ankerite @ 496)			7790	480	485	5	Tr		
		carbonaceous	qtz veins up to ½"			7791	485	490	5	Tr		
		unit + tan				7792	490	492	2	Tr		
		volcanic				7793	492	493	1	Tr		
						7794	493	498	5	Tr		
502.5	510	Brown carbonate	Light tan carbonate with 10% coarse pyrite - no qtz.			7795	498	503	5	Tr		
						7796	503	508	5	Tr		
						7797	508	510	2	Tr		

* For features such as foliation, bedding, schistosity, measured from the

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Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Collar °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °		Property Name	
					Ft. °			
					Ft. °			
					Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
			Core angles of bedding in argillite and schistosity in carbonate zones.	50			135			
				45			137			
				25			141			
				10			144			
				40			145			
				35			147			
				40			149			
				50			150			
				45			152			
				40			155			
				20			159			
				45			164			
				40			166			
				42			168			
				50			170			
				25			173			
				32			174			

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Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Collar °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °		Property Name	
					Ft. °			
					Ft. °			
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
				40			181					
				0			185					
				10			190					
				20			196					
				30			202					
				38			205					
				42			211					
				40			225					
				45			240					
				45			245					
				35			250					
				50			255					
				40			275					
				45			285					
				55			315					
				50			325					
				50			335					
				55			345					
				50			350					
				45			355					
				40			360					
				45			365					
				50			370					
				60			380					
				50			420					
				60			430					
				50			440					
				50			450					
				55			460					
				50			495					
				55			500					

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Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
				Collar °			
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. °		Property Name	
				Ft. °			
				Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.
			Sludge Samples			7760	132	140	8	Tr
						7761	140	150	10	Tr
						7762	150	160	10	Tr
						7763	160	170	10	Tr
						7764	170	180	10	.005
						7765	180	190	10	Tr
						7766	190	200	10	Tr
						7767	200	210	10	Tr
						7768	210	220	10	Tr
						7769	220	230	10	Tr
						7770	230	240	10	Tr
						7771	240	250	10	Tr
						7772	250	260	10	.002
						7773	260	270	10	Tr
			no sample 7774			7775	280	290	10	Tr
						7776	290	300	10	Tr
						7777	300	310	10	Tr

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Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar °
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °
					Ft. °
					Ft. °

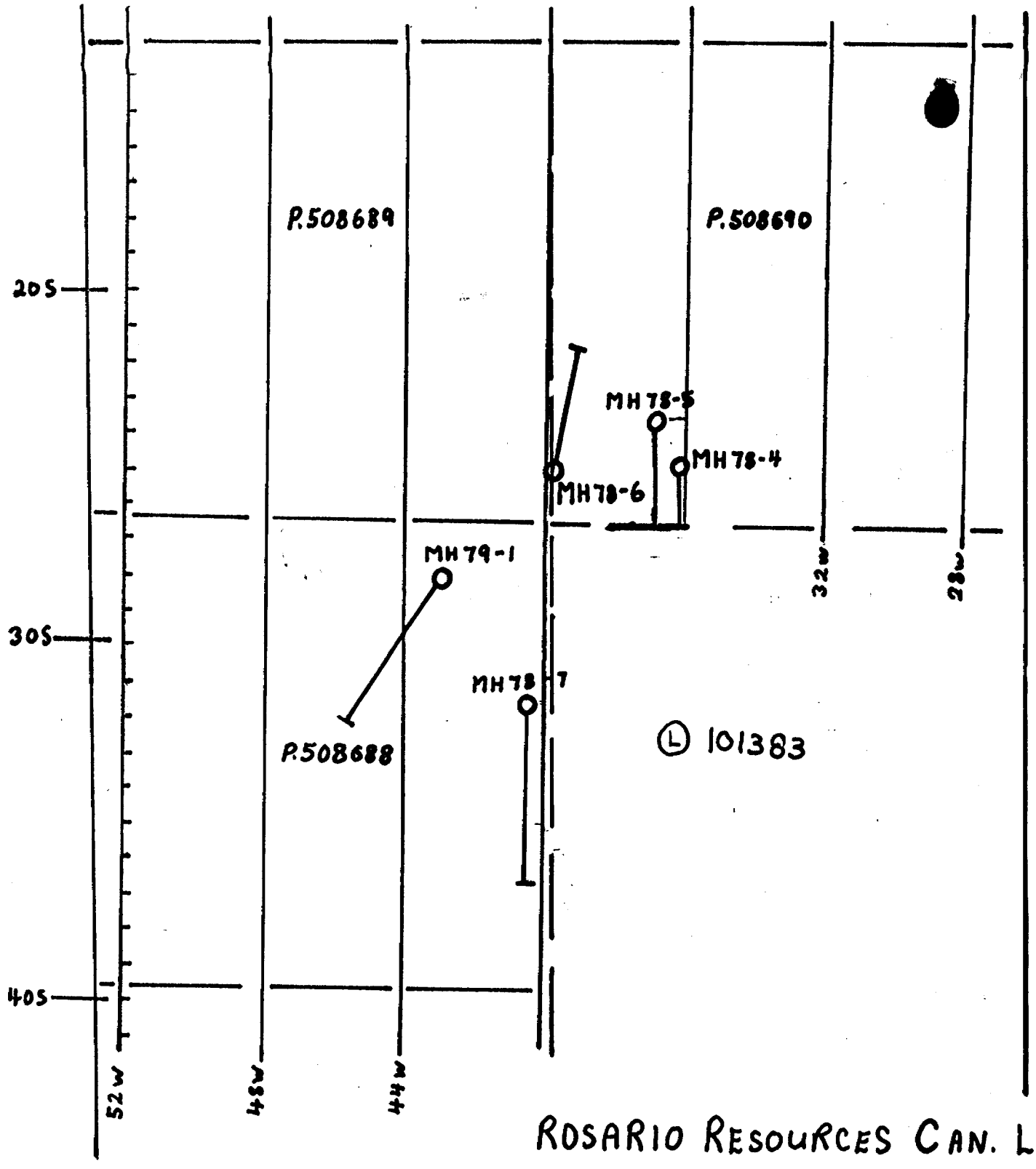
Location of hole in relation to a fixed point on the claim.

Map Reference No. | Claim No.

Location (Twp., Lot, Con. or Lat. and Long.)

Property Name

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz.		
			Sludge Samples			7778	310	320	10	Tr		
						7779	320	330	10	Tr		
						7780	330	340	10	Tr		
						7781	340	350	10	Tr		
						7782	350	360	10	Tr		



ROSARIO RESOURCES CAN. Ltd.

Drill Hole Location Map

Hoyle Twp.

1" - 400'

HOYLE

M.287

Hoyle Twp. #356-B