



42A06NE0038 42 WHITNEY

010

DIAMOND DRILLING

TOWNSHIP: WHITNEY

REPORT No.: 42

WORK PERFORMED BY: ROSARIO RESOURCES LTD.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 530924	WS 81 - 9	445.0	MAR/81	(1)

NOTES:

(1) #239 - 81

Location Map
Missing.



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

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HOLE NO. WS81-9 PAGE NO. 1

DRILLING COMPANY Norex Drilling Co.		COLLAR ELEVATION 0	BEARING OF HOLE FROM TRUE NORTH 180°	TOTAL FOOTAGE 445	DIP OF HOLE AT collar -45	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM L 8 + 70N 0 + 52W	MAP REFERENCE NO.	CLAIM NO. P. 530924
DATE HOLE STARTED Mar. 15/81	DATE COMPLETED Mar. 17/81	DATE LOGGED May 7/81	LOGGED BY A. Philipp	200 ft -39	LOCATION (Tp., Lot, Con. OR Lat. and Long.) S½, NE¼, Lot 12, Con. II Whitney Twp.			
EXPLORATION CO., OWNER OR OPTIONEE Rosario Resources Canada Ltd.		DATE SUBMITTED <i>June 8/81</i>	SUBMITTED BY (Signature) <i>A. Philipp</i>	400 ft -35				
				ft				
				ft	PROPERTY NAME Meunier - Whitney			

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE +	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS + Au pph Au Oz	
0	23.5	Overburden	Casing left in hole.								
23.5	41.5	Q.S.S.	Light grey quartz sericite schist with light admixtures of chlorite. Occasional elongated chert altered to quartz. Intermittent narrow fractures to 34' with rusty carbonate stainings in both walls. Seams of py in siliceous schist over 6" at 37'. Bottom foot shows well foliated schist with some chlorite upon encountering quartz vein. Core angles show that hole was drilled down-dip. 28 - thinly layered at 30° to CA 33 - thinly layered at 30° to CA	30 30		16201	36	41	5	34	
41.5	61	Quartz Veins + Chlor. Ser. Schist	Intermittent white quartz veins at silicified zones with patchy chlorite and narrow chlorite - sericite schist sections. Quartz veins contain some pink carb. mineral (pitted) and minor py occurs with chlorite. 46 - 47, 25% fine pyrite rimmed by chlorite in quartz.		47	16202 16203 16204 16205 16206	41 46 47 52 57	46 47 52 57 61	5 1 5 5 4	25 574 16 28 38	.015
61	95.2	Q.S.S. Minor Chlorite	Q.S.S. as above but chlorite content has increased. Schist contains numerous small quartz grains. 65 - 69, intermittent rusty carb. fractures. 74 - layering at 27° to CA. 75.8 - 78.5, light-grey felsic dike or sill with minor py in both walls. Upper contact at 30° to CA, lower at 35° to CA. 94 - layering or bedding at 35° to CA Schistosity overprint at 10° to CA.	70 93 27 30 35 35 10							
95.2	114.8	Chlorite-Sericite Schist	Green f.g. schist, more massive than above. Odd silicified and sericitized band with some pyrite.			16207 16208 16209	100.2 106 112.8	101.2 107 114.8	1 1 2	52 44 11	

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

+ Additional credit available. See Assessment Work Regulations.



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DIAMOND DRILLING LOG

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HOLE NO. WS81-9
PAGE NO. 2
CLAIM NO.

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.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	ft			LOCATION (Tp., Lot, Con. OR Lat. and Long.)
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)	ft			PROPERTY NAME
				ft			

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
							FROM	TO		Au	ppb
			100.2 - 100.7; quartz bands, sericite and 2%py, rusty fractures			16210	114.8	117.8	3	8	
			106.6 - 1" wide massive py, seri. chlor., 1/8 seam of fine tourmaline.			16211	117.8	121.2	3.4	4	
			113.3 - 114.8; silicified zone with light green talc and light py.			16212	121.2	127	5.8	25	
						16213	127	132	5	11	
114.8	121.2	Massive Felsic Sill	Light greenish-grey, f.g. felsic rock, massive, lightly silicified minor chlorite clots and py. Unit appears conformably interlayered with schist. Upper contact is at 37°, lower at 29° to CA.	37 29	116	16214	132	135	3	12	
						16215	135	138	3	5	
						16216	173	177.8	4.8	12	
121.2	134	Seric. Chlor. Schist. Altered Fragments Py.	Greenish - grey schist with 2% dissem. py and narrow siliceous bands some of which are stretched and alt. frags. Rock assimilated below with massive aplite unit through finely schistose sericite carrying some py and grains of black magnetite. 134 - bedding at 30° to CA.	30							
134	180	Pink Aplite Sill Quartz Veins and Schist Inclusions	Massive, f.g. aplite is epidotized, locally silicified or schistose. There is some occasional V. minor py or grains of magnetite.			139					
			149.1 - 151.6; white barren quartz vein with some sericite. 2' section below is schistose with some dissem. magnetite.			162					
			157 - 158.8; Barren quartz vein as above.								
			173 - 177.7; quartz, seric. chlor. schist with 2% dissem. py. Layering at bottom contact at 25° to CA - same as actual sharp contact.	25							



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HOLE NO. WS81-9 PAGE NO. 3

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 (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)	ft			PROPERTY NAME	
				ft				

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
							FROM	TO		Au	ppb
180	193	Seric. Quartz-Chlorite Schist. Altered Tuff	Greenish-grey, f.g. banded schist with some local fragments some minor silicified sections and spotty occurrences of py. 190 - 193.1; banded schist with 1-2% py. Banding at 35° to CA.	35	185	16217	190	193.2	3.2	15	
193.1	196.1	Felsic Sill	Buff colored, f.g. massive rock, spotted with fuchsite or mariposite micas plus sericite throughout. Odd grains of py Both contacts are sharp, upper at 30° and lower at 25° to CA.	30 25		16218	193.2	195.7	2.5	22	
196.1	212	Seric. - Chlor. - Schist As Above	Highly sericitized schist in upper 2' with qtz.-carb. vein and adjacent P. py becoming more chloritic with relic fragment outlines toward bottom. 208 - layers of fragments at 40° to CA.	40	208	16219	195.7	198.7	3	16	
212	265.3	Chlor.-Seri.- Schist Coarse Clasts (Tuff)	Grey chlorite, sericite, quartz schist with local abundant felsic clasts subround in shape and well bedded. Other finer grained sections show incipient clasts. Calcitic alteration increases. Locally, finely dissemin. py occurs parallel to bedding at 216' at 35° to CA, lower contact slightly silicified at 43° to CA.	35 43	231	16220	264	266	2	8	
265.3	319	Chlor.-Seric.- Schist (Fine Grained Tuff)	Dark olive green, f.g. sericite schist becoming grey schist with higher quartz-calcite content as stretched grains or amygdules. Occasional sericitized coarse fragment or block, hairline seams of tourmaline. Rock shows a strong overprint of schistosity outlined by fine sericite which is from 0 - 15° to CA, schistosity crosses harder beds or sulphide seams.	0-15	277						



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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 (Tp., Lot, Con. OR Lat. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME		
					ft				

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS + Au ppb Pb Ag Zn ppb				
319	333.4	Fragmental Schist	Greenish - grey, sericitized fragmental schist with abundant felsic, subround, pea-sized fragments, occasional larger 2" frags. layering at 35° to CA. Schistosity crosses bedding at very low angle which is nearly parallel to CA.		323									
333.4	341.5	Lamprophyre Dike	F.g., massive, dark-grey lamprophyre dike, calcitic alteration, minor py. Upper contact is parallel to schistosity ie. about 5° to CA, lower is irregular near 60° to CA, light grey, mass.	5										
341.5	343	Felsic Sill	f.g. sill with 1% dissemin. py. Lower contact near 30° to CA is silicified and contains light py and finely dissem. tourma.	60 30		16221	342.5	343.5	1	34				
343	374	Fragmental Schist As Above	Grey, sericit. fragmental schist as above, stretched and bedded felsic clasts up to 3" long. Overprint of schistosity if not as pronounced as above. Light dissemin. py to within 5' from upper contact. .8' long silicified zone at 365.5; no py.			16222	343.5	347	3.5	14				
			364 - coarsely bedded clasts at 35° to CA	35		16223	347	349	2	21				
			369 - same as above	35										
			Lower contact sharp at 35° to CA with seam of py, sericite and minor quartz.	35										
374	404	Schistose Seric.- Chlor. Volcanic	Unit is intermittently more sericitic-light greenish grey or more chloritic - dark grey. There are some sporadic felsic fragments chiefly in upper 5'. Generally rock is more massive than unit above and overprint of schistosity is more subdued. Minor diss. f. py occurs throughout but cubic py content in bottom 10' ranges from 1-5% in local 2' wide more sericitic sections.		392	16224	377	380	3	16				
						16225	395	400	5	29	74	1.4	1020	
						16226	400	404	4	18	28	0.8	162	
						16227	404	407	3	18	24	0.6	180	
						16228	407	412	5	5	16	0.8	600	
						16229	412	415	3.5	879				
										.025 Oz Au				

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

+ Additional credit available. See Assessment Work Regulation



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HOLE NO. WS81-9 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	MAP REFERENCE NO.	CLAIM NO.	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME		
					ft				

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
							FROM	TO		Au	ppb
			377.0 - 380.0; bedded clasts at 35° to CA, some silicification with tourmaline and sericite.			16067	415.5	418.5	3	22	
			391.0; schistosity at nearly parallel to CA	0-5		16068	418.5	423	4.5	47	
						16069	423	425	2	36	
						16070	425	430	5	41	
					415	16071	430	435	5	14	
404	420	Chloritic Frag. Rock	Dark green, f.g. schistose rock with few discernible lighter colored clasts and local 1 - 3% py content, sericite is minor.			16072	435	440	5	37	
			412 - 414' minor silicification, light py, cpy and possibly some specks of galena in chloritized schistose fragmental.			16073	440	443	3	11	
			416.2 - 417.2; White quartz vein with chlorite clots. Upper contact at 40° to CA.	40		16074	443	445	2	103	
420	431	Chlor.-Seri. Frag. Felsic Dike	Chlorit. schist with more abundant sericit. clasts than above								
			422; bedded clasts at 40° to CA	40							
			423 - 425; light grey felsic dike with 1% cubic py, contacts are in broken core.								
			427; bedded clasts at 40° to CA.	40							
431	445	Schistose Chlor. Tuff	Dark green, more massive rock contains odd felsic fragment. Rock contains much fine quartz as threads or elongated grains.								
			442.8 - 444.2 some dissemin. cubic py followed by 10" long q.v. with some py and tourmaline.								
445			End of Hole. Casing left in hole.								

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HOLE NO. WS81-9 PAGE NO. 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.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	collar				
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)	ft				
				ft				
							LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
							PROPERTY NAME	

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS + Au Oz	
			Sludge Sheet			12268	24	30	6	Tr	
						12269	30	40	10	"	
						12270	40	50	10	"	
						12271	50	60	10	"	
						12272	60	70	10	"	
						12273	70	80	10	"	
						12274	80	90	10	.01	
						12275	90	100	10	.002	
						12276	100	110	10	Tr	
						12277	110	120	10	"	
						12278	120	130	10	"	
						12279	130	140	10	"	
						12280	140	150	10	"	
						12281	150	160	10	"	
						12282	160	170	10	"	
						12283	170	180	10	"	
						12284	180	190	10	"	
						12285	190	200	10	"	
						12286	200	210	10	"	
						12287	210	220	10	"	
						12288	220	230	10	"	
						12289	230	240	10	"	
						12290	240	250	10	"	
						12291	250	260	10	"	
						12292	260	270	10	"	
						12293	270	280	10	"	
						12294	280	290	10	"	
						12295	290	300	10	"	
						12296	300	310	10	"	
						12297	310	320	10	"	
						12298	320	330	10	"	
						12299	330	340	10	"	

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

+ Additional credit available. See Assessment Work Regulation

Whitney Township
#239-81

TISDALE TWP. M-315

