



DIAMOND DI

41010NW0057 20 TOOMS

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TOWNSHIP: Tooms

REPORT No.: 20

WORK PERFORMED BY: Quinterra Resources Inc.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 630747	SC-1	606	Dec/82	(1)
	SC-2	597	Dec/82	(1)

NOTES: (1) #115-83



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every page

Drilling Company DOMINIK DRILLING (1981) INC.		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 606	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim. 300'S of "post No. 4, Claim No. P360747 on west claim boundary	Map Reference No. 2121	Claim No. P630747
Date Hole Started December 3/82	Date Completed December 6/82	Date Logged Dec. 13/82	Logged by D. G. Innes		606 Ft. 35		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP.	
Exploration Co., Owner or Optionee QUINTERRA RESOURCES INC.		Date Submitted	Submitted by (Signature) 		Ft.			
					Ft.			
							Property Name SYLVANITE CREEK	

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au ppb	As ppm
0	39'	overburden									
39'	76'	mafic carb tuff	- mainly dk green (chloritic) mafic carb altered tuff with slight variations in grain size and colour - some massive chloritic tuff interbeds - foliated at 47° - 10% microfractures (QV + CV) at 90°, 45° and 30°			59751	39'	41' 11"	2' 11"		
			41': ¼" QV + green carb halo			59752	41' 11"	49'	7' 1"		
			41' 11"- 49': carb metacrysts to 2mm with distinct orange-rust colour (oxidized)								
			42': oxidation intense about minor shear over 2"								
			44' 2": ¼" QCV at 25°								
			51'-52': f.g. black-brown biotite lamprophyre dike contacts sharp at 55			59753	49'	54'	5'		
						59754	54'	58'	4'		
			52'-63' 3": QCV stringers have ½" orange-brown alt'n halo			59755	58'	63' 3"	5' 3"		
			63' 3"-65': f.g. massive chloritic tuff interbed + 2%py			59756	63' 3"	68'	4' 9"		
			65'-76': grey in colour and finer grained - more massive			59757	68'	72'	4'		
						59758	72'	76'	4'		



Drilling Company DOMINIK DRILLING (1981) INC.		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 606'	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim. 300'S of Post No. 4, Claim No. P630747 on west claim boundary	Map Reference No. 2121	Claim No. P630747
Date Hole Started December 3/82	Date Completed December 6/82	Date Logged Dec.13/82	Logged by D. G. Innes		606 Ft. 35'		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP.	Property Name SYLVANITE CREEK
Exploration Co., Owner or Optionee QUINTERRA RESOURCES INC.		Date Submitted	Submitted by (Signature)		Fl.			

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †		
From	To						From	To		Au	As	
76'	89'5"	Green carb tuff	- massive green carb alteration - foliated at 45° - intensely veined (50%) with white carb (ankerite) + Qtz -- veining is contorted - at every angle to C.A. - f.g. dissem py to 2% throughout - few grains of cpy - few f.g. grey pyritic tuff-chert interbeds over 1" to 2" with up to 3% dissem py							ppb	ppm	
			76': upper contact at 45° is a 1/4" QV + 2" rusty-yellow alt'n halo			59759	76'	80'	4'			
						59760	80'	84'	4'			
						59761	84'	85'	1'			
						59762	85'	86'	1'			
						59763	86'	89'5"	3'5"			
89'5"	93'8"	Chert	- mottled grey-yellowish massive silisified chert horizon - f.g. dissem py to 1% - upper contact at 25° and lower at 45° - numerous QC stringers									
			90'5": 1" green carb tuff interbed at 45°			59764	90'2"	91'8"	1'6"			
						59765	91'8"	92'1"	5"			
			91': 6" green carb ruff + silisified cherty tuff			59766	92'1"	94'5"	2'4"			
			91'6": 7" massive f.g. orange chert; upper contact is 1" green carb tuff at 45°; lower contact is irregular but sharp									
			92': 1" vuggy QCV									



Drilling Company DOMINIK DRILLING (1981) INC.		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 606	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim. 300'S of Post No. 4, Claim No. P630747 on west claim boundary	Map Reference No. 2121	Claim No. P630747
Date Hole Started December 3/82	Date Completed December 6/82	Date Logged Dec.13/82	Logged by D.G. INNES		606 Ft. 35		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP.	
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Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au ppb	As ppm
93'8"	134'4"	Mafic carb tuff	- f.g. grey to dk green carb tuff - becomes finer grained and more chloritic down hole with slight variation in colour and texture - foliated at 45° - numerous stringers with green carb halos which carry 3% py - few veins with sericitic halos & some with none - total of 42 stringers between 1/4" and 2" at 45°, 90°, 65° and 25°								
			- 116'5": 2" light grey f.g. siliceous tuff interbed plus 3% py			59767	94'5"	96'10"	2'5"		
			- 118': ditto above but 4" thick			59768	96'10"	101'2"	4'4"		
			- 131'-134'4": a bit coarser grained and biotitic (?) or f.g. tourmaline (?) as disseminations			59769	101'2"	105"	3'10"		
						59770	107'	107'4"	4"		
						59771	108'10"	109'2"	4"		
						59772	105'	110'	4'4"		
						59773	110'	115'	5'		
						59774	115'	120'	5'		
						59775	120'	126'	6'		
134'4"	139'4"	Green & grey carb tuff	- interbedded green and grey carb tuff - upper contact is sharp at 30°; internal contacts are gradational or marked by QV's - 1% dissem py; mainly in green carb sections			59776	126'	130'	4'		
			- 135'6": 3" QCV at 90° - barren			59777	130'	134'4"	4'4"		
			- 138'5": 2" QCV stringers + 3% f.g. py			59778	134'4"	136'	1'8"		
			- 138'10": 6" of 80% QCV stringers + green carb + 3% py + minor brown tourmaline			59779	136'	138'	2'		
						59780	138'	139'4"	1'4"		



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Ministry of Natural Resources

Diamond Drilling Log

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Hole No. SC-1 Page No. 4

Drilling Company DOMINIK DRILLING (1981) INC.		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 606	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim. 300'S of Post No. 4, Claim No. P630747 on west claim boundary	Map Reference No. 2121	Claim No. P630747	
Date Hole Started December 3/82	Date Completed December 6/82	Date Logged Dec. 13/82	Logged by D. G. Innes		606 FL 35		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP.		
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Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au ppb	As ppm
139'4"	156'9"	Green carb tuff	- green carb tuff as before - intensely veined with contorted QCV's - few less altered grey carb tuff sections (at 141'6" to 146')								
			- 1% py throughout - up to 3% py in veins - QCV's in grey carb tuff have green carb halos - foliated at 55° to 65°			58781	139'4"	145'	5'8"		
			- 140'5": ¼" QCV + green carb halo			59782	145'	150'	5'		
			- 142'3": ¼" QV + green carb halo at 35°			59783	150'	156'9"	6'9"		
			- 142'7": ½" QCV + 1% py at 65°								
			- 143'6": ¼" QV at 45° (ditto at 143'6", 144'5", 149'7')								
			- 152' - 155': 25% QCV stringers + 2% py								
156'9"	161'6"	grey to mafic carb tuff	- dk grey-black f.g. to m.f.g. carb tuff - massive with very little veining			59784	161'	165'	2'6"		
			- 161'3": ½" QV + 1% py + green carb alt'n halo								
161'8"	162'9"	mafic lapilli tuff	- f.g. to m.g. chloritic mafic tuff - lapilli tuff - bedding ½" at 45° - few qtz stringers								
			- 161'9": ¼" QCV at 70° + black tourmaline								



Drilling Company DOMINIK DRILLING (1982) INC.		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 606	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim. 300'S of Post No. 4, Claim No. P630747 on west claim boundary	Map Reference No. 2121	Claim No. P630747
Date Hole Started December 3/82	Date Completed December 6/82	Date Logged Dec. 13/82	Logged by D. G. Innes.		606 FL 35		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP.	
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Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au	As
162'9"	164'1"	Chert	- f.g. yellowish silicified cherty tuff with a few chloritic tuff interbeds - QV stringers in upper 6" breaks up laminated chert beds - bedding less than 4mm at 47° - 1 to 2% f.g. dissem py - minor breccia and slumping in lower few inches - contact at 40°			59785	162'10"	164'4"	1'6"	ppb	ppm
164'1"	186'8"	Mafic carb tuff	- f.g. chloritic mafic carb tuff - massive, foliated at 47° - less than 5% QCV micro stringers generally - 165'6": 1" QCV at 55° - barren - 173': ¼" QCV at 25° over 6" core length + minor py - 185': ½" QV + black tourmaline + py at 90° - 186': 60% QV over 8" with massive chlorite, and black-brown tourmaline			59786	167'10"	169'	1'2"		
						59787	172'9"	174'	1'3"		
						59788	174'	179'	5'		
						59789	179'	184'	5'		
						59790	184'	187'	3'		
186'8"	191'3"	Grey carb tuff	- f.g. grey carb tuff - lapilli tuff - lapilli to ¼" and more siliceous than matrix - 80% lapilli; stetched 4:1 - ½% dissem py - foliated at 80° - few QV stringers with green carb holes at 55° - last foot more massive			59791	187'	189'	2'		
						59792	189'	192'	3'		
191'3"	193'4"	Mafic tuff	- f.g. dk green chloritic mafic tuff - few thin disrupted grey - cherty interbeds - minor py + 10% QV stringers to a few mm			59793	192'	194'	2'		



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Drilling Company DOMINIK DRILLING (1981) INC.		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 606	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim. 300'S of Post No. 4 Claim No. P639747 on west claim boundary	Map Reference No. 2121	Claim No. P630747
Date Hole Started December 3/82	Date Completed December 6/82	Date Logged Dec. 13/82	Logged by D. G. Innes		606 FL 35		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP.	
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Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au	As
193'4"	195'	Sericitic lapilli tuff	- f.g. to m.g. yellowish-green (sericitic) carb alt'd lapilli tuff - dacitic (?) - foliated at 85° - few small QCV stringers, highly deformed			59797	194'	198'	4'	ppb	ppm
195'	196'4"	Chert	- f.g. light grey massive silisified chert horizon - 3" massive chloritic carb tuff inclusion								
196'4"	206'	Sericitic lapilli tuff	- sericitic carb tuff - lapilli tuff - few beds to 2" of good lapilli at 45° - numerous QV stringers with tourmaline (black) and py + green carb halos - veining (15%) at 45° and 90°			59798	198'	203'	5'		
						59799	203'	206'	3'		
206'	213'	Laminated chert	- v.f.g. laminated chert - light yellow-brown - minor green carb as halos about QV's - silisified - 20% QV's + 2% py + black tourmaline			59800	206'	207'4"	1'4"		
						59801	207'4"	213'	5'8"		
213'	224'6"	Pyritic chert	- white to grey pyritic chert - silisified - chloritic locally - chloritoid ? as xles - 5 to 10% py as xles to 3m along bedding and in stringers - magnetic in a few darker beds - bedding disrupted; 50° to 90° - few finely laminated chert beds - few QV's + chlorite + tourmaline (brown) + py + minor cpy	Duplicate		59795	207'	208'	1'		
						59794	208'	213'	5'		
						59802	213'	216'	3'		
						59803	216'	219'	3'		
						59804	219'	221'3"	2'3"		
						59805	221'3"	224'6"	3'3"		



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Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au	As
224'6"	228'	Grey carb tuff	- grey f.g. massive carb tuff with very few stringers							ppb	ppm
228'	229'	Pyritic chert	- silisified white-grey pyritic chert as before			59806	224'6"	228'	3'6"		
229'	253'10"	Sericitic tuff	- v.f.g. light green sericitic and silisified siliceous tuff			59807	228'	229'	1'		
			- foliated at 45°			59808	229'	232'6"	3'6"		
			- 10% QV's as small stringers (30 QV's at 1/4")			59811	232'6"	234'6"	2'		
			- QV's (+ carb) are contorted			59812	234'6"	239'3"	4'9"		
			- green carb alt'n halo on veins			59813	239'3"	246'	6'9"		
			- 1/2% py or less			59814	246'	249'8"	3'8"		
			- 251'7": 10" of very siliceous cherty tuff + 1% py contacts at 45°			59815	249'8"	252'4"	2'8"		
253'10"	256'	Green carb-grey carb tuff	- mixture of grey and green m.g. carb tuff			59818	252'4"	253'10"	1'6"		
			- highly veined (20% QCV) many of which have a green carb halo - mainly at 45°			59819	253'10"	256'	2'2"		
256'	290'10"	Grey carb tuff	- m.g. grey carb tuff			59820	256'	260'	4'		
			- foliated at 80°			59821	260'	265'	5'		
			- 1% or less dissem py			59822	265'	271'	6'		
			- 10% to 15% QCV stringers - at all angles to core			59823	271'	276'	5'		
			- most veins are less than 1/4" and contorted			59824	276'	281'	5'		
			- bedding ? at 45°			59825	281'	284'8"	3'8"		
			- few gossanous shears at 90° - eg. 265'6"			59826	288'10"	290'10"	1'		
		Lamp dike	- 284'8" - 288'10": biotite lamp dike; upper contact at lower contact at 45°								
			- 287'10": 2" carb tuff (may be 2 parallel dikes)								



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Date Hole Started December 3/82	Date Completed December 6/82	Date Logged Dec. 13/82	Logged by D. G. Innes		606 Ft. 35		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP		
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Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au	As
290'10"	306'5"	Chert	- light grey-beige coloured cherty tuff with a few thin chloritic interbeds - bedding less than 1" at 85° - 1% py throughout section with a few sections to 5% - py also on fractures							ppb	ppm
			290'10" - 292'10": laminated and sericitic			59827	290'10"	292'4"	1'6"		
			292'4": 1/2" QV at 90° + 10% py halo			59828	292'4"	296'5"	5'1"		
			292'4" - 296'5": 50% chlority tuff + 5% py			59829	296'5"	297'6"	1'1"		
			296'5" - 297'6": dark grey-blue chert + 3% disseminated + bedded py			59830	297'6"	301'	3'6"		
			297'6" - 306'5": 25% QV's + silicified tuff			59831	301'	306'5"	5'5"		
			299'7": 7" QV at 90° + minor py								
306'5"	310'10"	Mafic tuff	- dk chloritic f.g. carb tuff with minor siliceous tuff interbeds - 5% py - finely laminated to massive mottled - bedding at 85°			59832	306'5"	310'10"	4'5"		
			306'5" - 309'5": 40% QV + minor carb + 5% py								
			308'6" - 309'5": massive barren QV at 90°								
310'10"	322'2"	Grey carb tuff	- cg. grey carb tuff with a few chloritic interbeds - 10% QCV stringers at 90°			59833	310'10"	315'10"	5'		
			316': chloritic interbed + 1% py + minor green carb halo on QV stringers			59834	315'10"	322'2"	6'4"		



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From	To						From	To		Au	As
322'2"	324'4"	Siliceous tuff	- white f.g. silicified felsic tuff (silicified porphyry ?) - 2% dissem py throughout - minor carb alt'n - upper contact is sharp at 40°			59835	322'2"	324'4"	2'2"	ppb	ppm
324'4"	325'	Mafic tuff	- finely laminated chloritic mafic tuff - few micro QV stringers - py to 1% along upper contact at 45°			59836	324'4"	329'1"	4'9"		
325'	328'8"	Grey carb tuff	- c.g. grey carb tuff - foliated at 70° - 10% QCV and segregations 326'5": QV stringer + black tourmaline ??								
328'8"	329'1"	Mafic tuff	- massive f.g. chloritic tuff + 2% py as xles to 3mm - contacts at 45°								
329'1"	501'3"	Talc-carb	- mainly massive talc-carb with thin (2") mafic chloritic tuff interbeds at 334'3" and 339' - bedding at 50° - very few QV or carb veins - segregations - no py with veining (mainly talc + chlorite + carb)			59817	329'1"	329'7"	6"		
						59809	371'5"	371'8"	3"		
						59810	399'	400'	1'		
			329'1": 6" of dissem py to 5% in carb tuff			59816	409'3"	410'2"	11"		
			465'6": strong green carb alt'n in f.g. massive siliceous tuff interbed over 1' + 1% py			59837	465'6"	469'	3'6"		
						59838	485'	485'	1'		
			485'4": 6" chloritic tuff + 1/2% py at 90°			59839	491'	493'8"	2'8"		
						59840	494'2"	501'4"	7'6"		



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From	To						From	To		AN	AS	
			491' - 494'2": 50% chloritic tuff + 20% QCV stringers							ppb	ppm	
			494'2" - 501'3": massive light green talc									
501'3"	507'7"	Cherty tuff	- f.g. black to green-grey cherty tuff - bedding is highly contorted and is laminated - some sections are 60% QCV + 5% py - most stringers parallel bedding - green carb alt'n at 501'3" to 502'3" and at 504' - minor f.g. po			59841	501'4"	504'	2'8"			
						59842	504'	506'	2'			
						59843	506'	509'	3'			
507'7"	549'	Talc carb	- grey talc-carb as before - massive with very minor veining (1%) - some chlorite (chloritoid?) spotting - minor green carb near lower contact			59844	542'8"	547'8"	5'			
			538' - 539'2": 60% talc + carb veining-segregations			59845	547'8"	549'3"	1'7"			
549'	563'4"	Chert	- finely bedded to laminated - yellowish-brown to black f.g. chert - 3% py in beds and as xles to 5mm - some beds of massive py over 1/2" - few beds carry 10% f.g. dissem magnetite - bedding at 50° - upper contact is sharp at 45°			59846	549'3"	55'9"	3'6"			
						59847	552'9"	555'10"	3'1"			
						59848	555'10"	559'6"	3'8"			
						59849	559'6"	562'8"	3'2"			
563'4"	570'6"	Basalt	- massive dk green f.g. basalt flow - chlorite on fractures			59850	562'8"	564'	1'4"			
						59851	564'	567'	3'			
570'6"	571'11"	Mafic tuff	- f.g. chloritic mafic tuff - carb alt'n - both contacts are sharp at 45°			59852	567'	572'	5'			
						59853	572'	574'	2'			



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Diamond Drilling Log

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Hole No. SC-1 Page No. 11

Drilling Company DOMINIK DRILLING (1981) INC.		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 606	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim. 300'S of Post No. 4 Claim No. P630747 on west claim boundary	Map Reference No. 2121	Claim No. P630747
Date Hole Started December 3/82	Date Completed December 6/82	Date Logged Dec. 13/82	Logged by D. G. Innes		606 Ft. 35		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP.	
Exploration Co., Owner or Optionee QUINTERRA RESOURCES INC.		Date Submitted	Submitted by (Signature)		Ft.		Property Name SYLVANITE CREEK	

Footage		Rock Type	Description <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †		
From	To						From	To		AU	AS	
571' 11"	576' 2"	Cherty	- silisified cherty tuff - massive - minor dissem magnetite and py			59854	574'	576'	2'	ppb	ppm	
576' 2"	582'	Mafic tuff	- carb alt'd mafic chloritic f.g. tuff - foliated at 45° - 10% QV stringers to 1/4" at 45° (5 per foot)			59855	576'	582' 8"	6' 8"			
582'	588' 4"	Chert	- silisified f.g. chert - cherty tuff - upper and lower contacts are transitional - minor py in QV stringers at 30°			59856	582' 8"	586'	3' 4"			
588' 4"	601'	Mafic tuff - basalt	- massive to dk green mafic tuff - basalt			59857	586'	589'	3'			
601'	604'	Chert	- silisified f.g. massive chert - 1% py - upper contact is gradational over 3" - few QV stringers at 55° to 1/2"			59858	601'	604'	3'			
604'		END OF HOLE										

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

† Additional credit available. S



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Drilling Company DOMINIK DRILLING (1981) INC.		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 597	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim. 530'N of No. 3 post and 90'W Claim No. P63074 ⁷	Map Reference No. 2121	Claim No. 7 P63974
Date Hole Started December 7/82	Date Completed December 9/82	Date Logged Dec. 18/82	Logged by D. G. Innes		597 Ft. 34		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP.	
Exploration Co., Owner or Optionee QUINTERRA RESOURCES INC.		Date Submitted	Submitted by (Signature) 		Ft.			
					Ft.			Property Name SYLVANITE CREEK

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au ppb	As ppm
0	71'6"	Overburden									
71'6"	72'6"	Ground core	- small chips of white-quartz-biotite rich felsic unit plus grey carb tuff chips			59906	71'6"	74'	2'6"		
72'6"	74'	Grey carb tuff	- m.g. massive grey carb tuff - foliated at 45° - few flecks of green carb + minor chlorite along fractures - 10% QCV to 1/4"-1" at 45° and 70° + minor py			59908	74'	76'	2'		
74'	76'	Mafic tuff	- chloritic mafic carb altered tuff - 1% dissem py - upper contact is sharp at 30°; lower is gradational - 20% white carb segregations								
76'	98'9"	Grey carb tuff	- f.g. to c.g. grey carb tuff with a few chloritic tuff interbeds; foliated at 45°			59909	76'	82'	6'		
			76' - 98'9": - 30% CQV stringers as patches and segregations			59910	82'	85'	3'		
			- 1/2% py or less			59911	85'	90'	5'		
			- minor black tourmaline + green carb + chlorite			59912	90'	95'	5'		
			- carb in white ankerite?			59913	97'	99'	2'		
			82' - 85': - 50% CQV								
			97' - 98': - chloritic tuff interbed								
			- 10% QCV + 1% py + chlorite								



Drilling Company DOMINIK DRILLING (1981) INC.		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 597	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim. 530'N of No. 3 post and 90'W Claim No. P630746	Map Reference No. 2121	Claim No. P630746	
Date Hole Started December 7/82	Date Completed December 9/82	Date Logged Dec. 18/82	Logged by D. G. Innes		597 Ft. 34		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP.		
Exploration Co., Owner or Optionee QUINTERRA RESOURCES INC.		Date Submitted	Submitted by (Signature)		Fl.		Property Name SYLVANITE CREEK		

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au	AS
98'9"	293'8"	Talc-carb	- mainly talc-carbonate plus chloritic tuff interbeds - grey m.g. to c.g. with variations in colour; texture and amount of veining - local sections of massive yellowish-green talc and some ground (powder) sections							ppb	ppm
			106'8" - 108': light grey-green waxy talc with 3" of (& 113'7" to 117') massive chlorite at both contacts (minor py)								
			108' - 109'7": 10% CQV at 90° and 45° - barren								
			109'7" - 111': chloritic carb tuff; foliated at 45°								
			111' - 113'7": 10% CQV stringers and segregations								
			117' - 121': 10% CV + talc stringers - segregations								
			124'4": 8" chloritic tuff								
			128'8": 1/2" CQV at 45° - barren								
			129'10": 9" chloritic tuff - foliated at 45°								
			137'10": 9" chloritic tuff; contacts at 50°								
			139'9" - 141'4": -chloritic tuff; upper contact at 30° and lower contact at 45° -10% CQV's at 30° - barren								
			146'6" - 149'6": 25% CQV's - barren in a mixture of chloritic and grey carb tuff			59905	147'	147'6"	6"		



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Ministry of Natural Resources

Diamond Drilling Log

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Hole No. SC-2 Page No. 3

Header information including Drilling Company (DOMINIK DRILLING (1981) INC.), Collar Elevation (1350'), Total Footage (597), Date Hole Started (December 7/82), Date Completed (December 9/82), Date Logged (Dec. 18/82), Logged by (D. G. Innes), Location of hole in relation to a fixed point on the claim (530'N of No. 3 post and 90'W), Map Reference No. (2121), Claim No. (P630746), Exploration Co., Owner or Optionee (QUINTERRA RESOURCES INC.), Date Submitted, Submitted by (Signature), Location (Twp., Lot, Con. or Lat. and Long.) (TOOMS TWP.), and Property Name (SYLVANITE CREEK).

Main data table with columns: Footage (From, To), Rock Type, Description (Colour, grain size, texture, minerals, alteration, etc.), Planar Feature Angle, Core Specimen Footage, Your Sample No., Sample Footage (From, To), Sample Length, Assays (Au, As, ppm).

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

† Additional credit available. S



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every pageHole No.
SC-2Page No.
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Drilling Company DOMINIK DRILLING (1981) INCL		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 597	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim. 530' N of No. 3 post and 90' W Claim No. P630746	Map Reference No. 2121	Claim No. P630746	
Date Hole Started December 7/82	Date Completed December 9/82	Date Logged Dec. 18/82	Logged by D. G. Innes		597 Ft. 34		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP		
Exploration Co., Owner or Optionee QUINTERRA RESOURCES INC.		Date Submitted	Submitted by (Signature)		Fl.		Property Name SYLVANITE CREEK		

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au	As
297'	356'8"	Grey carb tuff	- mainly m.g. grey carbonated tuff with chloritic tuff interbeds							ppb	ppm
			- few sections of more massive talc-carbonate			59916	297'	301'	4'		
			- foliation (bedding ?) 40° to 50°			59917	301'	307'	6'		
			297': 1' of chloritic tuff								
			301' - 307': - 50% QCV's with green carb + white carb (ankerite ?) and lesser clear qtz								
			- some sections of 90% veins over 1½"								
			- minor py + chlorite with veining								
			- veining is highly contorted								
			307' - 328': 10% CV's + minor Qtz - barren								
			328' - 333': - bedding at 0° to 40° - avg 40° - highly slumped and folded			59919	328'	332'	4'		
			- bedding from 1mm to 2"			59920	332'	337'	5'		
			- 1% dissem py								
			333' - 335'6": 20% CV veins - "sweatouts" with minor cpy and py								
			335'6":- 1½' of grey carb tuff + 50% chloritic tuff interbeds								
			- bedding at 45°								
			- ½% dissem f.g. py throughout								
			337': 3' of talc-carbonate; no py								
			340': 1' 50% grey carb tuff + 50% chloritic tuff + ½% py; foliated at 80°								



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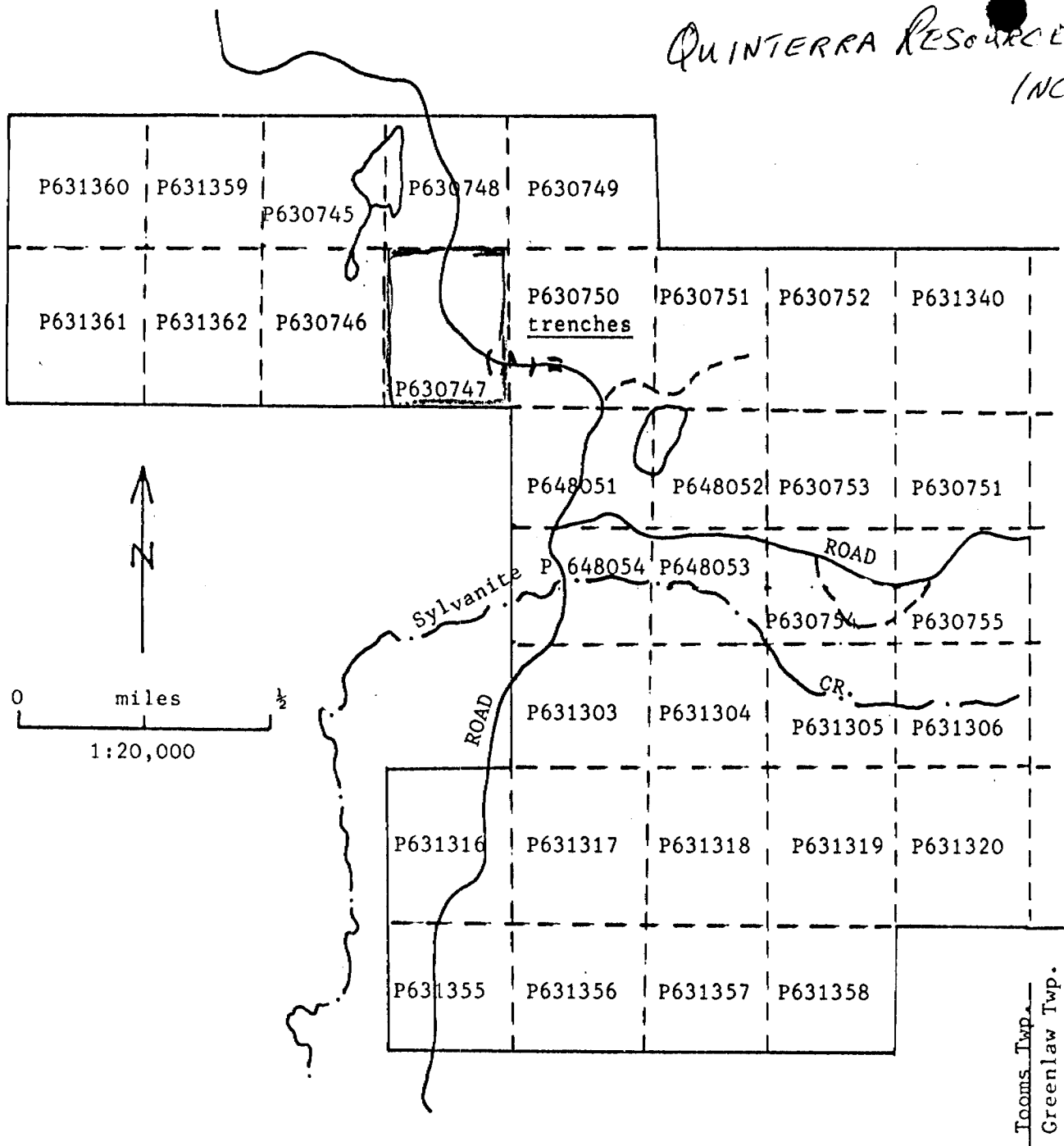
Drilling Company DOMINIK DRILLING (1981) INC.		Collar Elevation 1350'	Bearing of hole from true North 190°	Total Footage 597	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim. 530'N of No. 3 post and 90'W Claim No. P630746	Map Reference No. 2121	Claim No. P630746	
Date Hole Started December 7/82	Date Completed December 9/82	Date Logged Dec. 18/82	Logged by D. G. Innes		597 Ft. 34		Location (Twp., Lot, Con. or Lat. and Long.) TOOMS TWP		
Exploration Co., Owner or Optionee QUINTERRA RESSOURCES INC.		Date Submitted	Submitted by (Signature)		Fl.		Property Name SYLVANITE CREEK		
					Fl.				

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au ppb	As ppm
			345'6" - 349'6": - 50% chloritic tuff - 40% QCV veins and patches + chlorite + minor py and cpy			59921	345'	349'6"	4'6"		
			355'6": 1½' of chloritic tuff at 50° + minor py			59922	355'6"	356'8"	1'2"		
356'8"	367'2"	Feldspar porphyry	- vfg, massive, white-grey siliceous unit - few 1mm to 2mm feldspar phenocrysts (white to pink) - upper contact is chloritic over 2" at 45° (as is lower contact) - fine micro fractures coated with minor py + very black chlorite or tourmaline			59923	356'8"	359'	2'4"		
						59924	359'	364'	5'		
						59925	364'	367'2"	3'2"		
367'2"	597'	Talc-carb	- grey m.g. talc-carbonate with 10% chloritic tuff interbeds locally - chloritic tuff units generally carry to 1% py - 10% carb veins, clots, sweat-outs through section - few more massive talcy sections + possibly some carb tuff horizons								
			367'2" - 369'7": chloritic tuff at 45° + 1% py			59926	367'2"	369'7"	2'9"		
			369'7" - 436: 10% chloritic tuff in m.g. to c.g. grey talc-carb + 10% to 20% carb sweatouts								
			373' - 377': massive talc-powdery + 1% py as dissem xles to 3mm			59927	373'	378'	5'		
			443' - 445'6": massive chloritic tuff; contacts at 45°								
			498': foliation at 30°								

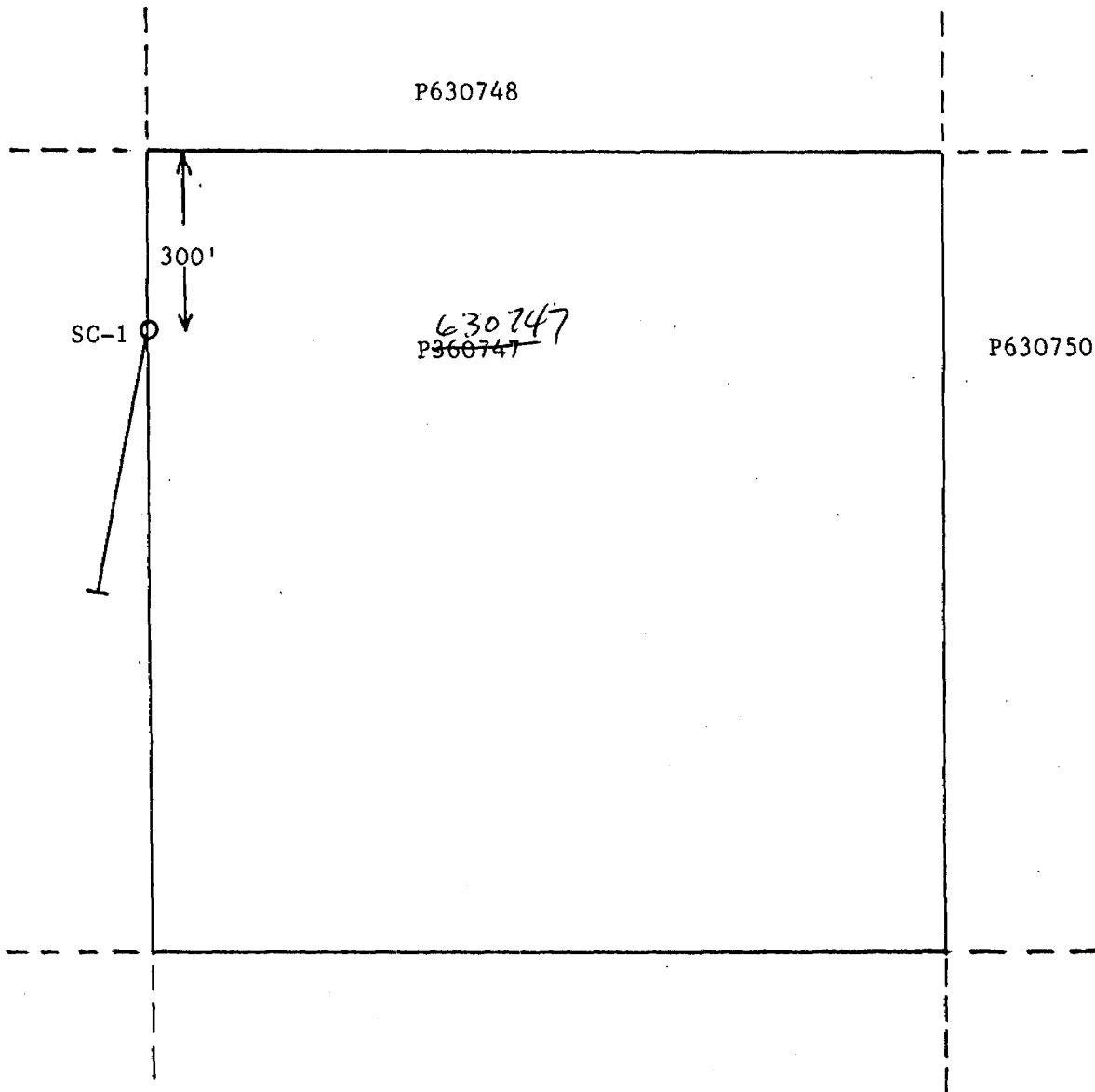
GREENLAW TWP.

#115-83

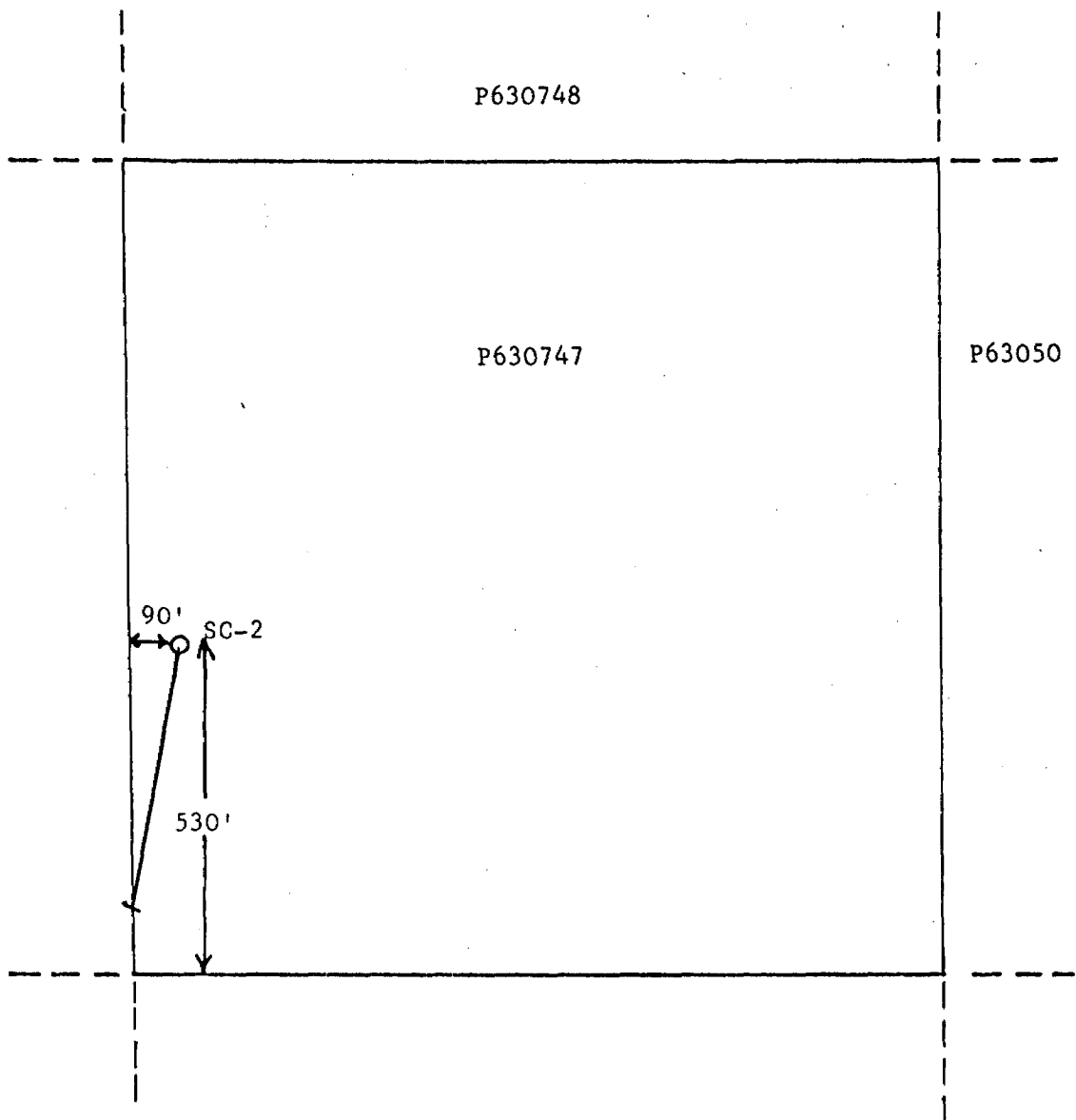
QUINTERRA RESOURCES
INC.



Location of Trenches, Sylvania Creek Property,
Tooms Township



Location of Diamond Drill Hole SC-1,
Sylvanite Creek Property
Quinterra Resources Inc.



Location of Diamond Drill Hole SC-2
Sylvanite Creek property
Quinterra Resources Inc.