

Province		Ontario		RED PINE EXPLORATION																														
PROJECT		SaraCourt		Mine Grid North				UTM Coordinates Datum/Zone NAD83				Other Surveys				Core Diameter				Comments:														
HOLE ID #		RPX11-06		Start Date June 20/2011				North 5304296				North				NW (63.5 mm)				From (m)				To (m)										
Drill Co.		Crites		Finish Date June23/2011				East 395195				East				NQ (47.6 mm)				From (m)				To (m)										
Surveys		Method		Depth (m)				Azimuth				Elevation				Elevation				BQ (36.5 mm)				From (m)				To (m)						
Collar		Reflex Multishot		224.00				180.00				Total Depth				Total Depth								Casing Depth (m)				2						
				Incl.				-75.00				TAIGA CONSULTANTS LTD.								Casing Left in hole (Yes/No)				Yes										
HOLE ID #				Property				Block A				Drill No.				Logged By: DFR																		
MAJOR LITHOLOGY						Subsidiary Lithology						COMMENTS						Alteration				MINERALIZATION						STRUCTURE						
From (m)	To (m)	LITHO Code	From (m)	To (m)	LITHO Code							From (m)	To (m)	Alt Type	Intend W/M/S	From (m)	To (m)	PY %	PO %	CP %	Other %	Depth (m)	Type	Angle	Width	From (m)	To (m)	Vein 1 - 5	Fill					
0.00	1.40	OVB				Overburden - Casing to 2m depth.																												
1.40	8.25	MV	1.95	1.97	Bx	Mafic Volcanic - This unit is a very fine grained medium to darker green/grey massive mafic volcanic. There are some minor occurrences of remnant pillows (selveges) with sub mm-cmscale varioles. This is seen at 1.8m, from 3-4m, 5.1m, 6m and 6.8m. Sulphides (pyrite) are present in trace quantities occurring as disseminated crystals and occasionally forming thin wisps associated with pillows and shears/fractures in the unit. Coarse angular clasts of mafic volcanic are entrained in carbonate veins observed around 1.95m (carbonate vein). The lower contact is pretty sharp and irregular (change in colour from green to buff). Carbonate veins run in many different orientations filling fractures in the volcanic unit.										1.95	8.25	0.01																
			6.80	7.20	Bx																													
8.25	11.47	AMV	10.15	10.60	Bx	Altered Mafic Volcanic - This unit is a beige to buff coloured, fine grained, weakly magnetic altered mafic volcanic. There are very coarse angular clasts of mafic volcanic material seen within the brecciated zones (pillow bx? seen at 10.15-10.6m). The mafic clasts are up to 3-5cm in size. The sulphides are present mainly as disseminated pyrite in trace quantities (up to 1% in small locals). The unit is heavily fractured with carbonate and in some instances serpentine (dark green colour) filling the fractures. The lower contact is sharp.										8.25	11.47	0.1																
11.47	20.05	QFP				Quartz Feldspar Porphyry - is light pink to beige in colour and contains some serpentine and chloritic veins within fractures in the rock. The unit is highly fractured and blocky and occasionally has small mafic volcanic clasts in it. The unit intruded the mafic volcanic and created the alteration halo into the mafic unit. Sulphides are present in trace to 1% quantities as disseminated and cubic pyrite. The unit is non magnetic and has a sharp lower contact.										11.47	20.05	0.1																
20.05	25.58	AMV				Altered Mafic Volcanic - This unit is a beige to buff coloured, fine grained and a weakly magnetic altered mafic volcanic.. There are small locals with hematization taking place and they are observed at 20.9-21.2m and hematite staining with serpentine veinlets at 22m and 22.8m. The sulphides are present mainly as disseminated pyrite with quantities around 1% and locally up to 3% (local 3% from 23-25m). The sulphides are associated with the carbonate and serpentine veinlets (remobilized?). The unit is blocky and heavily fractured with carbonate and serpentine (dark green colour) filling the fractures. The unit is moderately foliated from the intrusive event with the QFP. The lower contact is sharp.										20.05	25.58	hem	W	20.05	23.00	1			23.3	FOL	53.00							
																23.00	25.00	3					23.8	FOL	40.00									
																25.00	25.58	1																

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MAJOR LITHOLOGY			Subsidiary Lithology			COMMENTS				Alteration				MINERALIZATION				STRUCTURE								
From (m)	To (m)	LITHO Code	From (m)	To (m)	LITHO Code	From (m)	To (m)	Alt Type	Intend W/M/S	From (m)	To (m)	PY %	PO %	CP %	Other %	Depth (m)	Type	Angle	Width	From (m)	To (m)	Vein 1 - 5	Fill			
25.58	47.22	MV				<p><b>Mafic Volcanic</b> - This unit is a very fine grained to fine grained with a medium to darker green/grey colour (with maroon/purple hues) massive mafic volcanic. The maroon/purple hues are from widespread hematization taking place. There are some minor occurrences of remnant pillows (selveges) with sub mm-scale varioles (seen around 31.6m, 43m and 46.9m). Sulphides (pyrite) are present in quantities of 1-2 modal % occurring as disseminated and blebby crystals and occasionally forming thin wisps associated with pillows and shears/fractures and carbonate and quartz veinlets filling fractures. The hematization increases around 30.25m and is seen in other zones throughout. Carbonate/quartz brecciation of mafic volcanic at around 28m with associated disseminated blebby pyrite. The unit as a whole is heavily fractured with mainly carbonate and epidote crystallizing within. Epidote percent increases after 33.3m and sometimes has surrounding epidote microveinlets surrounding a main epidote veinlet (halo). Epidote seen at 33.3-33.5m, 34.3-34.4m and at 39.9-39.95m. The upper and lower epidote veins are vuggy with some small pristine crystals in the voids. The unit has a sharp lower contact and is weakly magnetic (2-3% magnetite).</p>																				
						30.25	41.25	hem	M	25.58	47.22	2				33.44	VnEp	60.00								
						33.30	33.50	ep	S							37.40	VnCb	52.00								
						34.30	34.40	ep	M-S							39.10	VnEp	35.00								
						39.90	39.95	ep	S							39.90	VnEp	32.00								
						44.45	45.86	hem	M																	
						47.00	47.22	hem	M																	
47.22	48.35	MD				<p><b>Mafic Dyke</b> - A dark grey fine grained mafic unit with a sharp lower contact. Contains amphibole and feldspar along with other mafic minerals and no significant sulphide is seen and the unit is very non magnetic (REE magnet barely reacts).</p>																				
						47.22	48.35			47.22	48.35	0														
48.35	99.26	MV	48.35	66.85	MV	<p><b>Mafic Volcanic</b> - This unit is a very fine grained to fine grained with a medium to darker green/grey colour (with maroon/purple hues) massive mafic volcanic. The maroon/purple hues are from widespread hematization taking place. There are some minor occurrences of remnant pillows (selveges) with sub mm-scale varioles (seen around 31.6m, 43m, 46.9m, 62.7m, 62.9m, 67.3m, 70.4m, 71, 77.5m, 79.6m and 85.5m). Sulphides (pyrite) are present in quantities of 1-2 modal % occurring as disseminated and blebby crystals and occasionally forming thin wisps associated with pillows and shears/fractures and carbonate and quartz veinlets filling fractures. The hematization increases around 30.25m and is seen in other zones throughout. Carbonate/quartz brecciation of mafic volcanic at around 28m with associated disseminated blebby pyrite. The unit as a whole is heavily fractured with mainly carbonate and epidote crystallizing within. Epidote percent increases after 33.3m and sometimes has surrounding epidote microveinlets surrounding a main epidote veinlet (halo). Epidote seen at 33.3-33.5m, 34.3-34.4m and at 39.9-39.95m. The upper and lower epidote veins are vuggy with some small pristine crystals in the voids. The unit has a sharp lower contact and is weakly magnetic (2-3% magnetite). Chalcopyrite is observed around 64m and 76.5m as fg and blebby crystals in associated carbonate veinlets. Coarse crystalline calcite seen at 82.9m, and another carbonated vein is seen at 87.2-87.4m with bright pink angular QFP clasts. The lower contact is sharp</p>																				
			66.85	67.00	QFP	48.35	52.30	hem	M	48.35	80.60	3		0.1												
			67.00	99.26	MV	52.30	55.45	hem	W	80.60	99.26	1														
						55.45	57.05	hem	M																	
						57.05	60.10	hem	W																	
						60.10	64.00	hem	M-S																	
						64.00	98.23	hem	M																	

HOLE ID #		Property		Block A		Drill No.	Logged By: DFR																		
MAJOR LITHOLOGY			Subsidiary Lithology			COMMENTS	Alteration				MINERALIZATION				STRUCTURE										
From (m)	To (m)	LITHO Code	From (m)	To (m)	LITHO Code		From (m)	To (m)	Alt Type	Intend W/M/S	From (m)	To (m)	PY %	PO %	CP %	Other %	Depth (m)	Type	Angle	Width	From (m)	To (m)	Vein 1 - 5	Fill	
99.26	99.90	DIA				Diabase - Medium grained green and grey speckled texture. The unit is very weakly magnetic and there are no significant sulphide. The lower contact is sharp.					99.26	99.90	0												
99.90	111.44	MV	99.90	103.00	MV	Mafic Volcanic - This unit is a very fine grained to fine grained with a medium to darker green/grey colour (with maroon/purple hues) massive mafic volcanic. The maroon/purple hues are from widespread hematization taking place. There are some minor occurrences of remnant pillows (selveges) with sub mm-scale varioles up to 1-2mm in size (seen around 107.3m and 109m). Sulphides (pyrite and chalcopyrite) occur as disseminated and blebby crystals (1% Py and trace Cp) and occasionally forming thin wisps associated with pillows and shears/fractures and carbonate and quartz veinlets filling fractures. The unit as a whole is heavily fractured with mainly carbonate and occasionally hematite crystallizing within. The unit has a gradational lower contact with the altered mafic volcanic and is weakly magnetic (1-2% magnetite). Chalcopyrite is observed as blebby crystals mineralizing within associated carbonate veinlets (from 108.77-110.22m).	108.77	108.78	hem	M	99.90	108.77	1												
			103.00	103.65	AMV						108.77	110.22	1		1										
			103.65	104.00	MV						110.22	111.44	1												
			104.00	104.40	AMV																				
			104.40	111.44	MV																				
111.44	124.63	AMV				Altered Mafic Volcanic - This unit is a beige/grey to buff coloured, fine grained and a weakly magnetic altered mafic volcanic. The sulphides are present mainly as disseminated pyrite with quantities around 1%. The sulphides are associated with the carbonate and serpentine veinlets (remobilized?). Sub mm to mm-scale varioles are seen in a zone from 112.8m to 113.3m and they are seen 120.2m. The lower contact is gradational. The top portion of this interval has an increased intensity in the number of fractures filled with fine-grained carbonate. After 120.2m the amount of fractures in the unit decreases.	128.00	128.25	hem	M	111.44	124.63	1												
124.63	140.67	MV				Mafic Volcanic - This is a dark green fine grained mafic unit with a moderate amount of fractures filled with carbonate. Sulphides are present around 1% concentration and associated with fractures in the rock (filled with serpentine and carbonate). Locally up to 5% sulphide (cubic pyrite up to 1mm in size) noted in a small area around 5cm wide and there are very small traces of chalcopyrite associated with the pyrite (intergrown). There is an increase in serpentine from previous mafic units (mostly within fractures), and over the last meter of so serpentine/chlorite seems to be increasing (soft dark green to black rock). The lower contact with the mafic dyke is sharp.	139.15	140.67	serp	M	124.63	140.67	1		0.01			140.67	CTC	57.00	sharp				
140.67	148.87	MD				Mafic Dyke - A dark grey to black coloured fine to medium grained unit with a sharp lower contact. Contains hornblende, pyroxene and feldspar along with other mafic minerals and no significant sulphide is seen and the unit is very non magnetic (REE magnet barely reacts). Sulphides are smeared out along the rare carbonate veinlets that are oriented in varied degrees to CA (seen at 148.4m). The carbonate veinlets cause local serpentine/chlorite alteration. In the upper 2.5m there are some larger feldspar clasts (modal % around 1%).	140.67	148.87	serp	W	140.67	148.87	0.01					144.8	VNCb	86	1cm				
																		148.87	CTC	60.00	sharp				

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MAJOR LITHOLOGY			Subsidiary Lithology			COMMENTS	Alteration				MINERALIZATION				STRUCTURE										
From (m)	To (m)	LITHO Code	From (m)	To (m)	LITHO Code		From (m)	To (m)	Alt Type	Intend W/M/S	From (m)	To (m)	PY %	PO %	CP %	Other %	Depth (m)	Type	Angle	Width	From (m)	To (m)	Vein 1 - 5	Fill	
148.87	224.00	MV	195.97	196.40	MD	Mafic Volcanic - This is a dark green fine grained mafic unit contains a high amount of fractures filled with carbonate (creating localized altered mafic volcanic units). Small dykelets and veins intrude the volcanic along with small cherty/hematite rich layers. The contacts with the mafic dykelet and small cherty/hematite rich zones are sharp. Sulphides are present around 1% concentration and associated with fractures in the rock (filled with serpentine and carbonate). Locally up to 5% sulphide (cubic, blebby and disseminated pyrite up to 1mm in size) noted in a small area around 5-10 cm wide and there are very small traces of chalcopyrite associated with the pyrite (intergrown and blebby). Mostly carbonate is mineralizing within fractures and broken pillows and breccia. these brecciated zones have an increase in serpentine and tend to contain the higher percent of localized sulphide (seen at 149.3m, 154.7m, 157m, 162.2-162.5m, 194.8-195.2m, 203-203.2m 204.6-204.9m, 206.1m, 210.4m and 211.9m). small sub mm-scale varioles are associated with the pillows. Hematite stained zones are really small and tend to be constrained along the fractures and strike at high angles to the CA (70-80 degrees) and are seen at 203.2-203.4m. Local and very rare epidote mineralization seems to be taking place around 207.5m (saussertization?). small faults are seen at 160.4-160.7m, 180.7m, 183.5m, 183.9m, 199.15-199.3m, 207.1m, 214m and 221-221.5m.	148.87	224.00	serp	W-M	148.87	224.00	1.5		0.1			151.40	FOL	55.00					
EOH			188.84	188.89	hematite to jasper											152.95	VNCb	77.00							
			189.62	189.70	hematite to jasper											169.10	VNCb	50.00							
			190.97	191.00	hematite to jasper											169.20	VNCb	47.00							
																171.30	VNCb	45.00							
																172.10	VNCb	40.00							
																195.97	CTC	60.00							
																196.40	CTC	55.00							