

**Rubicon Minerals Corporation**

**ASSESSMENT WORK REPORT  
September – October, 2001**

**SLATE BAY PROPERTY  
Drilling, Drill Core Assays**

**McDonough Township  
Red Lake Mining Division**

Latitude 51° 05' N Longitude 93° 56' W

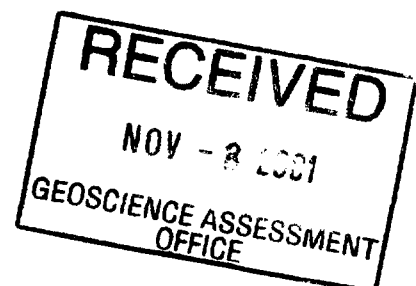
NTS: 52N/4

2 . 22391



52N04NW2006 2.22391 MCDONOUGH 010

**Submitted by:  
Ian Russell  
Rubicon Minerals Corporation  
Vancouver, British Columbia  
November 6, 2001**



Hole Name :SB-01-01												
DIP	-45	Az	165	Hole Length :209.00			NQ Core		Slate Bay Area			
Start :439764.00,5665115.00,0.00				End :439766.57,5665105.62,-9.73			Start Depth :0.00		End Depth :13.75			
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to	
1	Casing	0	3	?								
2												
3	Altered Fine Grained Sediments	3	5.93	Bleached light cream colored « minor tour » veinlets. « fol 41.00° » tca.					1860	RLC54701	3.15	4.2
4				fg « py 1.00-2.00% » « @ 4.42 Carb/Chl zone 3.00cm » 8mm wide Qvein at top of zone.					965	RLC54702	4.2	4.93
5				gradational « @ 5.93 LCT » with mafic volcanics.					545	RLC54703	4.93	5.93
6	Mafic Volcanic	5.93	8.96	-fgr drk green in color, « wk-mod « wk-mod mt 1.00-2.« wk-mod -py 1.00-5.00% » disseminated throughout, vfgr to cubic in appearance (up to 1mm diam).					770	RLC54704	5.93	6.92
7				« @ 7.00 S1 65.00° ».					960	RLC54705	6.92	7.9
8				-Minor Qtz-carb 1-3mm wide (1-2% at intervals) - « tr cpy » -Core is broken/rubby in appearance. -Sulphides more prevalent along fractures and veins UCT gradational, « @ 8.96 sharp LCT 70.00° »					385	RLC54706	7.9	8.96
9	Intrusive-Trondj	8.96	36.3	-Mgr, non-magnetic, light gray - gray, Bt. Plag trondjemite					105	RLC54707	8.96	10.25
10				- « tr cpy »								
11				- « qtz-vein 1.00-2.00% 1.00-3.00mm » weakly bleached alt'd along vein selvages.								
12				- sericite associated with bleached veins								
13				- « tr tour » as groundmass					75	RLC54708	10.25	11.75
				- weak slicks on some of the fracture surfaces, minor chl/carb on fracture surfaces.								
				- minor bleached qtz-eyes					60	RLC54709	11.75	13.25
				- « Bt 1.00-4.00% ».					25	RLC54710	13.25	14.75

Scale 1:100

11/05/01

16:14:04

Hole Name :SB-01-01											
DIP	-45	Az	165	Hole Length :209.00			NQ Core		Slate Bay Area		
Start :439766.57,5665105.62,-9.73				End :439769.25,5665096.28,-19.45			Start Depth :13.75		End Depth :27.51		
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to
15	Intrusive-Trondj	8.96	36.3	-Mgr, non-magnetic, light gray - gray, Bt. Plag trondjemite - « diss py 1.00-5.00%» throughout - « tr cpy » - « qtz-vein 1.00-2.00% 1.00-3.00mm» weakly bleached alt'd along vein selvages. - sericite associated with bleached veins - « tr tour » as groundmass - weak slicks on some of the fracture surfaces, minor chl/carb on fracture surfaces. - minor bleached qtz-eyes - « Bt 1.00-4.00%».				25	RLC54710	13.25	14.75
16							50	RLC54711	14.75	16.25	
17							20	RLC54712	16.25	17.75	
18							40	RLC54713	17.75	19.25	
19											
20							25	RLC54714	19.25	20.75	
21							15	RLC54715	20.75	22.25	
22											
23							15	RLC54716	22.25	23.75	
24							30	RLC54717	23.75	25.25	
25											
26	45	RLC54718	25.25	26.75							
27											
							655	RLC54719	26.75	27.75	

Scale 1:100

11/05/01

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Hole Name :SB-01-01											
DIP		Az		Hole Length :209.00			NQ Core		Slate Bay Area		
Start :439769.25,5665096.28,-19.45				End :439772.05,5665086.96,-29.18			Start Depth :27.51		End Depth :41.26		
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to	
28	Intrusive-Trondj	8.96	36.3	-Mgr, non-magnetic, light gray - gray, Bt. Plag trondjemite - « diss py 1.00-5.00%» throughout - « tr cpy » - « qtz-vein 1.00-2.00% 1.00-3.00mm» weakly bleached alt'd along vein selvages. - sericite associated with bleached veins - « tr tour » as groundmass - weak slicks on some of the fracture surfaces, minor chl/carb on fracture surfaces. - minor bleached qtz-eyes - « Bt 1.00-4.00%».				655	RLC54719	26.75	27.75
							60	RLC54720	27.75	28.25	
29							35	RLC54721	28.25	29.75	
30							70	RLC54722	29.75	31.25	
31											
32							35	RLC54723	31.25	32.75	
33							90	RLC54724	32.75	34.25	
34							85	RLC54725	34.25	35.25	
35							55	RLC54726	35.25	36.3	
36							Mafic Volcanic	36.3	52.14	fgr-mgr Mafic Volcanic, dark green-green (extensive chl) - « wk-mod« wk-mod mt 1.00-2.00%» * - is this an umafic? - « py 1.00-5.00%», disseminated, minor interbeds of 5-10% pyrite. - « cpy 0.50-1.00%» throughout, typically associated with qtz-veins and bt alteration. - « Bt 1.00-5.00%» altn throughout - « qtz-vein 1.00-3.00% 1.00-1.50mm» wide with « po » in matrix - « carb-vein 1.00%» typically with 3-5% pyrite, trace cpy- , matrix of veins is ***** by bt alteration. < @ 36.30 S1 50.00-70.00° > - < @ 36.30 sharp UCT 70.00° >, < @ 52.14 sharp LCT 45.00° > - minor intervals of qtz/bt/chl/py rich strongly - mod foliated zone up to 15cm wide. margins are very sharp but irregular. Wavy appearance to them.	
37	805	RLC54728	36.55	37.5							
38	2670	RLC54729	37.5	39							
39	975	RLC54730	39	39.75							
40	850	RLC54731	39.75	40.4							
41	565	RLC54732	40.4	41.25							
	875	RLC54733	41.25	42.05							
Scale 1:100				11/05/01			16:14:04				

Hole Name :SB-01-01																	
DIP	-45	Az	165	Hole Length :209.00			NQ Core		Slate Bay Area								
Start :439772.05,5665086.96,-29.18				End :439774.95,5665077.68,-38.90			Start Depth :41.26		End Depth :55.01								
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS							
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to						
42	Mafic Volcanic	36.3	52.14	fgr-mgr Mafic Volcanic, dark green-green (extensive chl) - « wk-mod« wk-mod mt 1.00-2.00%» * - is this an umafic? - « py 1.00-5.00%», disseminated, minor interbeds of 5-10% pyrite. - « cpy 0.50-1.00%» throughout, typically associated with qtz-veins and bt alteration. - « Bt 1.00-5.00%» altn throughout - « qtz-vein 1.00-3.00% 1.00-1.50mm» wide with « po » in matrix - « carb-vein 1.00%» typically with 3-5% pyrite, trace cpy- , matrix of veins is ***** by bt alteration. ( @ 36.30 S1 50.00-70.00° ) - ( @ 36.30 sharp UCT 70.00° ), ( @ 52.14 sharp LCT 45.00° ) - minor intervals of qtz/bt/chl/py rich strongly - mod foliated zone up to 15cm wide. margins are very sharp but irregular. Wavy appearance to them.  « 44.00- 44.20 Mud seam »					875	RLC54733	41.25	42.05					
														2700	RLC54734	42.05	42.5
43														2800	RLC54735	42.5	44
44														950	RLC54736	44	44.2
45														1080	RLC54737	44.2	45.5
46														325	RLC54738	45.5	46.7
47														640	RLC54739	46.7	47
48														275	RLC54740	47	48.5
49														1370	RLC54741	48.5	48.75
50														1015	RLC54742	48.75	49.7
51														1025	RLC54743	49.7	50.75
52	Intrusive-Trondj	52.14	62.15	- mgr intrusive similar to earlier interval - « tr py 2.00%» - « Bt 1.00-3.00%» - « tr cpy » - « wk ep » altn along fractures.					630	RLC54744	50.75	52.14					
53												50	RLC54745	52.14	53.14		
54													110	RLC54746	53.14	54.14	
55													150	RLC54747	54.14	55.14	
Scale 1:100				11/05/01			16:14:05										

Hole Name :SB-01-01											
DIP	-45	Az	165	Hole Length :209.00			NQ Core		Slate Bay Area		
Start :439774.95,5665077.68,-38.90				End :439777.93,5665068.43,-48.63			Start Depth :55.01		End Depth :68.77		
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to
56	Intrusive-Trondj	52.14	62.15	- mgr intrusive similar to earlier interval - « tr py 2.00%» - « Bt 1.00-3.00%» - « tr cpy » - « wk ep » altn along fractures.				150	RLC54747	54.14	55.14
57							90	RLC54748	55.14	56.14	
58							75	RLC54749	56.14	57	
59							240	RLC54750	57	58	
60							125	RLC54751	58	59	
61							175	RLC54752	59	60	
62	Mafic Volcanic	62.15	74.5	- Chl Mt altered Mafic *** « Bt » altn - « diss py 1.00-2.00%» - « tr cpy » - « minor ep » altn along fractures. « 64.70- 64.90 Mt 15.00-20.00» minor zone of Fe-Mn « 70.60- 70.63 Qtz-carb-vein 70.00°» TCA « 74.00- 74.20 cg py 3.00-6.00%», « mt 15.00%», **** 10-15mm wide)  Interval is massive overall with a few minor zones <5cm width of Mod/str foliated 1-2%py, trace cpy-, 5% bt altn. ( @ 76.80 SO 50.00° ) « 76.80- 77.00 banded Mt/Chl/Chert » « str mag ».				2010	RLC54755	62	63
63							155	RLC54756	63	64	
64							425	RLC54757	64	64.41	
65							220	RLC54758	64.41	65	
66							260	RLC54759	65	66	
67							150	RLC54760	66	66.51	
68							545	RLC54761	66.51	66.9	
							630	RLC54762	66.9	68	

Scale 1:100

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Hole Name :SB-01-01														
DIP	-45	Az	165	Hole Length	:209.00	NQ Core		Slate Bay Area						
Start				:439777.93,5665068.43,-48.63	End			:439780.86,5665059.15,-58.35	Start Depth		:68.77	End Depth		:82.52
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS				
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to					
70	Mafic Volcanic	62.15	74.5	<ul style="list-style-type: none"> <li>- Chl Mt altered Mafic *** « Bt » altn</li> <li>- « diss py 1.00-2.00%»</li> <li>- « tr cpy »</li> <li>- « minor ep » altn along fractures.</li> <li>« 64.70- 64.90 Mt 15.00-20.00» minor zone of Fe-Mn</li> <li>« 70.60- 70.63 Qtz-carb-vein 70.00°» TCA</li> <li>« 74.00- 74.20 cg py 3.00-6.00%», « mt 15.00%», **** 10-15mm wide)</li> <li>Interval is massive overall with a few minor zones &lt;5cm width of Mod/str foliated 1-2%py, trace cpy-, 5% bt altn.</li> <li>&lt; @ 76.80 SO 50.00° &gt;</li> <li>« 76.80- 77.00 banded Mt/Chl/Chert » « str mag ».</li> </ul>										
71														
72														
73														
74	Ultramafic	74.5	96.1	<ul style="list-style-type: none"> <li>- drk green-green, msv to weakly foliated, spinifex textured (variable) cummlate textured (variable) umafic</li> <li>- mod-str « mag » « mt 1.00-10.00%»</li> <li>- « py 1.00-3.00%», « tr cpy », disseminated throughout</li> <li>- minor intervals of up to 10% pyrite, trace cpy- associated with chert/silicification.</li> <li>-</li> <li>« 80.72- 81.38 Silicified interval », « py 5.00-10.00%», tr « cpy », « mt 2.00-3.00%»</li> <li>&lt; @ 79.58 py/mt/bt/qtz vein 1.00cm &gt; wide</li> <li>&lt; @ 87.20 qtz-py vein 50.00° 1.00cm &gt;</li> <li>« 88.60- 88.80 py 3.00-5.00%», « wk mag », « Bt 1.00-2.00%», « tr cpy ».</li> </ul>										
75														
76														
77														
78														
79														
80														
81														
82														
							160	RLC54763	73	74				
							825	RLC54764	74	75				
							400	RLC54765	75	76				
							70	RLC54766	78.72	79.38				
							300	RLC54767	79.38	79.7				
							140	RLC54768	79.7	80				
							695	RLC54769	80	80.72				
							2060	RLC54770	80.72	81.38				
							280	RLC54771	81.38	82.38				
							1495	RLC54772	82.38	83.38				

Scale 1:100

11/05/01

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Hole Name :SB-01-01												
DIP		Az		Hole Length :209.00			NQ Core		Slate Bay Area			
Start :439780.86,5665059.15,-58.35				End :439783.71,5665049.86,-68.08			Start Depth :82.52		End Depth :96.27			
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS			
Depth At	Rocktype	G_from	G_to	Descript		Au	Au	Sample	s_from	s_to		
83	Ultramafic	74.5	96.1	- drk green-green, msv to weakly foliated, spinifex textured (variable) cummlate textured (variable) umafic - mod-str « mag » « mt 1.00-10.00% » - « py 1.00-3.00% », « tr cpy », disseminated throughout - minor intervals of up to 10% pyrite, trace cpy- associated with chert/silicification. - « 80.72- 81.38 Silicified interval », « py 5.00-10.00% », tr « cpy », « mt 2.00-3.00% » < @ 79.58 py/mt/bt/qtz vein 1.00cm > wide < @ 87.20 qtz-py vein 50.00° 1.00cm > « 88.60- 88.80 py 3.00-5.00° », « wk mag », « Bt 1.00-2.00% », « tr cpy » .			1495	RLC54772	82.38	83.38		
									300	RLC54775	83.22	89
84									585	RLC54773	83.38	84.25
85												
86												
87									40	RLC54774	87.22	83.22
88												
89												
90									200	RLC54776	89	90
91									90	RLC54777	90	91.08
92							45	RLC54778	91.08	92.08		
93							195	RLC54779	92.08	92.44		
94							30	RLC54780	92.44	93.44		
95												
96	Granodiorite	96.1	97.35	Mgr. « wk mag », Bt-, « py 1.00% » Grdt, massive weakly foliated , « tr ep »								

Scale 1:100

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Hole Name :SB-01-01										
DIP	-45	Az	165	Hole Length	:209.00	NQ Core		Slate Bay Area		
Start	:439783.71,5665049.86,-68.08			End	:439786.48,5665040.54,-77.81		Start Depth	:96.27	End Depth	:110.02
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
97	Granodiorite	96.1	97.35	Mgr, « wk mag », Bt-, « py 1.00%» Grdt, massive weakly foliated , « tr ep »						
98	Ultramafic	97.35	104.4	Msv to v. weakly foliated, « tr py 1.00%», granular app implies cumulate texture olivine, « chl » possible spinifex @ 102.7 - wk-str « mag » « mt 3.00-10.00%» diss in more massive layers up to 5mm wide. - very wk bt alt'n with the exception of last 1.2m of interval. « 103.20- 104.40 py 1.00-2.00», qtz-carb alt'd, « mod fol », « wk mag « wk mt 1.00%».						
103						30	RLC54784	102.44	103.44	
104						10	RLC54785	103.44	104.4	
105	Granodiorite	104.4	104.91	Cgr, « Bt » « chl » grdt, non-magnetic, UCT-LCT sharp irregular, « tr py ».						
	Ultramafic	104.91	105.1	biotite altered, « tr py » , granular app, non-magnetic « Bt 5.00-10.00%»						
	Granodiorite	105.1	106	as above						
106	Ultramafic	106	107.16	Cumulate textured mafic- non magnetic, « tr py », massive in app. « @ 106.00 sharp UCT 70.00° », « @ 107.16 sharp LCT » but irregular.						
107	Granodiorite	107.16	107.75	as above						
108	Ultramafic	107.75	109.57	Crenulate textured umafic, « wk mag « wk mt 1.00-2.00%», Overall massive in app.« @ 108.90 carb/qtz/mt vein 45.00° », with 1% pyrite.		5	RLC54786	107.74	108.74	
109						10	RLC54787	108.74	109.05	
						20	RLC54788	109.05	109.57	
110	Granodiorite	109.57	110.92	Pegmatitic app, similar to above grdt intervals.		15	RLC54789	109.57	110.57	
Scale 1:100				11/05/01			16:14:05			

Hole Name :SB-01-01										
DIP	-45	Az	165	Hole Length :209.00			NQ Core		Slate Bay Area	
Start :439786.48,5665040.54,-77.81				End :439789.18,5665031.19,-87.53			Start Depth :110.02		End Depth :123.78	
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
	Granodiorite	109.57	110.92	Pegmatitic app, similar to above grdt intervals.						
111	Ultramafic	110.92	137.56	<ul style="list-style-type: none"> <li>- light green-green variably talc altered umafic</li> <li>- granular texture to 40% of interval</li> <li>- « minor carb-vein 1.00-4.00mm » wide @ all &lt;'s</li> <li>- « wk Bt » alteration, associated with chlorite filled fracture sets.</li> <li>- sections appear to be strongly chlorite altered</li> <li>- « diss py 1.00% », typically associated with bt alt'n</li> <li>- msv in app.</li> </ul>						
							15	RLC54789	109.57	110.57
							15	RLC54790	110.57	110.92
112							15	RLC54791	110.92	111.92
113							5	RLC54792	111.92	112.92
114							5	RLC54793	112.92	113.92
115							5	RLC54794	113.92	115.52
116	5	RLC54795	115.52	116						
117	5	RLC54796	116	117						
118										
119										
120										
121										
122										
123										
Scale 1:100				11/05/01			16:14:06			

Hole Name :SB-01-01												
DIP	-45	Az	165	Hole Length :209.00			NQ Core		Slate Bay Area			
Start :439789.18,5665031.19,-87.53				End :439791.87,5665021.81,-97.22			Start Depth :123.78		End Depth :137.53			
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to		
-125	Ultramafic	110.92	137.56	<ul style="list-style-type: none"> <li>- light green-green variably talc altered umafic</li> <li>- granular texture to 40% of interval</li> <li>- « minor carb-vein 1.00-4.00mm » wide @ all &lt;'s</li> <li>- « wk Bt » alteration, associated with chlorite filled fracture sets.</li> <li>- sections appear to be strongly chlorite altered</li> <li>- « diss py 1.00% », typically associated with bt alt'n</li> <li>- msv in app.</li> </ul>								
-126												
-127												
-128									5	RLC54781	127	128
-129									5	RLC54782	128	129
-130									5	RLC54783	129	130
-131												
-132												
-133												
-134									5	RLC54797	133.5	134.55
-135	5	RLC54798	134.55	135.05								
-136	15	RLC54799	135.05	136.05								
-137												

Hole Name :SB-01-01											
DIP	-45	Az	165	Hole Length :209.00		NQ Core		Slate Bay Area			
Start :439791.87,5665021.81,-97.22		End :439794.57,5665012.40,-106.88		Start Depth :137.53		End Depth :151.28					
D_geol_SB		SAMPASS		SAMPASS		SAMPASS		SAMPASS			
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
138	Ultramafic Iron Formation	110.92 137.56	137.56 138.8	<ul style="list-style-type: none"> <li>- light green-green variably talc altered umafic</li> <li>- granular texture to 40% of interval</li> <li>- « minor carb-vein 1.00-4.00mm » wide @ all &lt;'s</li> <li>- « wk Bt » alteration, associated with chlorite filled fracture sets.</li> <li>- sections appear to be strongly chlorite altered</li> <li>- « diss py 1.00% », typically associated with bt alt'n</li> <li>- msv in app.</li> <li>« chl » mg banded Fe Fm, strongly ****</li> <li>- msv magnetite bands 3-20mm wide</li> <li>- « mod chl » altered</li> <li>( @ 127.56 SO 60.00° ), « py 1.00% ».</li> <li>- light green-green, « mod chl » alt'n, wk pt altered</li> <li>- msve app, « py 1.00% »</li> <li>- « wk mag « wk mt 1.00-2.00% ».</li> <li>« 144.62- 144.70 chl/Bt zone 60.00° » « mod fol 60.00« mod py 1.00-2.00% », « tr cpy ».</li> </ul>							
139	Ultramafic	138.8	150								
140											
141											
142											
143											
144								20	RLC54800	143.5	144.5
145								205	RLC54801	144.5	145
146								50	RLC54802	145	146
147											
148											
149											
150	Iron Formation	150	152.09	<ul style="list-style-type: none"> <li>« str mag », well banded Chl/Mt layers</li> <li>- « py 1.00-2.00% »</li> <li>- chl/Mt alt'n along fractures</li> </ul>			55	RLC54803	149.55	150	
151							230	RLC54804	150	151.15	
							30	RLC54805	151.15	151.65	

Scale 1:100

11/05/01

16:14:06

Hole Name :SB-01-01													
DIP	-45	Az	165	Hole Length :209.00		NQ Core		Slate Bay Area					
Start	:439794.57,5665012.40,-106.88			End	:439797.28,5665002.95,-116.50			Start Depth	:151.28		End Depth	:165.04	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS			
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to				
152	Iron Formation	150	152.09	« str mag », well banded Chl/Mt layers - « py 1.00-2.00% » - chl/Mt alt'n along fractures			RLC54805	151.15	151.65				
	Ultramafic	152.09	156.42	- umafic as above,  « 151.65- 152.09 chl/Mt alt'd breccia zone », 5-10% chl/mt, alt msv chl/mt along fractures up to 1cm wide matrix to fgr felsic material. Frags up to 15cm in diameter. « 152.09- 154.58 Ultramafic » light green-green, weakly mod Bt/Chl/Mt alt'd, massive to weakly fol'd, « carb-vein 1.00% 1.00-3.00mm wide. < @ 151.65 S1 70.00° », « tr py 1.00% », - minor intervals have a granular app, minor spinifex texture. « 154.58- 156.42 Bt/Chl/Mt Alt'd Ultramafic » - « py 1.00-10.00% », « tr cpy« tr chl 25.00% ». Mt occurs as discrete bands and is disseminated throughout. - mod-str « fol 56.00° » « carb 5.00-10.00% » alt'n pervasive throughout - « Bt 3.00-5.00% » alt'n.			RLC54806	151.65	152.15				
153							RLC54807	152.15	153.15				
154							RLC54808	153.15	154				
155							RLC54809	154	155				
156							RLC54810	155	155.75				
157	Iron Formation	156.42	158.09				RLC54811	155.75	156.42				
158							RLC54812	156.42	157.2				
159	Mafic Volcanic	158.09	161	- « str mag » - wk-str banded - pervasive « chl » alt'n - « py 1.00-4.00% », « tr cpy » - msv Mt seams up to 3-5cm wide - « @ 156.42 SO 65.00-70.00° » - msv in app - « wk mag « wk mt 1.00-2.00% » - « tr py » - v. weak spinifex texture < 1% - « wk fol 70.00° ».			RLC54813	157.2	158				
160							RLC54814	158	159.55				
161							RLC54815	159.55	160.9				
162	Iron Formation	161	162.94	- « str mag », « mt 10.00-15.00% », « str chl » alt'd assoc with Mt - « wk carb » alt'd towards bottom of interval - « py 1.00-5.00% » disseminated - « tr cpy »			RLC54816	160.9	161.9				
163							RLC54817	161.9	162.9				
164	Ultramafic	162.94	165.05	- wk-mod talc alt'd (soft) - « py 1.00-2.00% », msv in app - « Bt 5.00-8.00% » alt'n limited to upper and lower contacts - « @ 165.04 sharp LCT 40.00° **** by spinifex.			RLC54818	162.9	163.9				
165							RLC54819	163.9	165.25				

Scale 1:100

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Hole Name :SB-01-01													
DIP		Az		Hole Length :209.00			NQ Core		Slate Bay Area				
Start :439797.28,5665002.95,-116.50				End :439800.00,5664993.46,-126.07			Start Depth :165.04		End Depth :178.79				
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS			
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to			
166	Ultramafic Granodiorite	162.94 165.05	165.05 179.44	<ul style="list-style-type: none"> <li>- wk-mod talc alt'd (soft)</li> <li>- « py 1.00-2.00%», msv in app</li> <li>- « Bt 5.00-8.00%» alt'n limited to upper and lower contacts</li> <li>- « @ 165.04 sharp LCT 40.00° **** by spinifex.</li> <li>- Mgr « Bt » « ep » alt'd Grdt/Dior (« ep 3.00-8.00%»)</li> <li>- « wk mag »</li> <li>- « tr mt »</li> <li>- msv homogeneous in app</li> <li>- « diss py 1.00-4.00%» throughout</li> <li>- minor milky white quartz veins 3-15mm wide @60-70 TCA</li> <li>- possible « tour » associated veins.</li> </ul>				15	RLC54819	163.9	165.25		
167										20	RLC54820	165.25	166.75
168										10	RLC54821	166.75	168.25
169										20	RLC54822	168.25	169.75
170										50	RLC54823	169.75	171.25
171													
172										15	RLC54824	171.25	172.75
173										30	RLC54825	172.75	174.25
174													
175										20	RLC54826	174.25	175.75
176													
177							20	RLC54827	175.75	177.25			
178							10	RLC54828	177.25	178.75			

Scale 1:100

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Hole Name :SB-01-01										
DIP	-45	Az	165	Hole Length	:209.00	NQ Core		Slate Bay Area		
Start	:439800.00,5664993.46,-126.07			End	:439802.73,5664983.95,-135.63		Start Depth	:178.79	End Depth	:192.54
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
	Granodiorite	165.05	179.44	- Mgr « Bt » « ep » alt'd Grdt/Dior (« ep 3.00-8.00%»)						
	Ultramafic	179.44	180.29	- « wk mag »						
180				- « tr mt »						
	Iron Formation	180.29	184.56	- msv homogeneous in app						
181				- « diss py 1.00-4.00%» throughout						
				- minor milky white quartz veins 3-15mm wide @60-70 TCA						
182				- possible « tour » associated veins.						
				- « Bt » « chl » alt'd umafic						
183				- « wk mag »						
				- « @ 179.44 sharp UCT 60.00-65.00° », « @ 180.29 sharp LCT 60.00-65.00° »						
184				- mod-str « fol 45.00° »,						
				- « py 1.00%».						
185	Granodiorite	184.56	198.67	« 180.29- 181.00 Granodiorite » as above						
				« 181.00- 181.28 Ultramafic » Bt/Chl alt'd as above						
186				- « mod-str mag »						
				« 181.28- 182.00 Granodiorite » as above						
187				« 182.00- 184.56 Fe Fm »						
				- « str mag » well banded (5-15mm wide Mt/Chert/chl bands)						
188				- Chl occurs as bands parallel to S0 and as veins x-cutting S0						
				- « py 1.00%»						
189				- S0 is folded and varies from 5 to 70 TCA						
				sharp « @ 184.56 LCT 80.00° »						
190				as above, mgr, non-mag, Bt- Grdt (« Bt 5.00%»)- v minor Q-veins (1mm or less)						
				- « py 1.00-3.00%»,						
191				- « wk fol »						
				« 186.50- 186.68 py 5.00-8.00° » in msv sulphide veins, up to 5mm wide						
192				, « cpy 2.00%» associated in pyrite.						
				« 188.85- 196.77 Diorite » mgr Bt/Plag porph, non-mag						
				- « wk fol »						
				- v minor blue q-eyes						
				- 1% 1-3mm wide veins associated with pyrite						
				- rare « diss py 1.00%»						
				196.77-198.67 Granodiorite as above, mgr, weakly magnetic						
				- 1-2% pyrite, chlorite associated with Fe-Fm block in granodiorite						
				- v minor carb-veining.						
Scale 1:100					11/05/01		16:14:06			

Hole Name :SB-01-01											
DIP	-45	Az	165	Hole Length	:209.00	NQ Core		Slate Bay Area			
Start	:439802.73,5664983.95,-135.63			End	:439805.45,5664974.44,-145.18			Start Depth	:192.54	End Depth	:206.30
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
193	Granodiorite	184.56	198.67	as above, mgr, non-mag, Bt- Grdt (« Bt 5.00%»)- v minor Q-veins (1mm or less) - « py 1.00-3.00%», - « wk fol » « 186.50- 186.68 py 5.00-8.00°» in msv sulphide veins, up to 5mm wide « cpy 2.00%» associated in pyrite. « 188.85- 196.77 Diorite » mgr Bt/Plag porph, non-mag - « wk fol » - v minor blue q-eyes - 1% 1-3mm wide veins associated with pyrite - rare « diss py 1.00%»  196.77-198.67 Granodiorite as above, mgr, weakly magnetic - 1-2% pyrite, chlorite associated with Fe-Fm block in granodiorite - v minor carb-veining.							
194											
195											
196											
197											
198							155	RLC54832	197.1	198.5	
199	Iron Formation	198.67	199.18	- « chl » « mt » FeFm, « str mag », Mt (msv) up to 10mm wide - « py 1.00-3.00%».			170	RLC54833	198.5	199.64	
200	Granodiorite	199.18	209	Mgr, « wk mag« wk Bt » grdt - plag porph - « wk ep » alt'd - « py 1.00-2.00%» - 1-2% pink hematite alteration - minor < 1% q-veins 1-15mm wide  « 199.70- 199.80 py 1.00-5.00%», sulphides in fractures up to 8mm wide, « cpy 1.00%».			170	RLC54834	199.64	199.9	
201											
202											
203											
204											
205											
206											
Scale 1:100				11/05/01				16:14:07			



Hole Name :SB-01-01										
DIP	-45	Az	165	Hole Length :209.00			NQ Core		Slate Bay Area	
Start :439805.45,5664974.44,-145.18				End :439808.18,5664964.93,-154.73			Start Depth :206.30		End Depth :220.05	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
207	Granodiorite	199.18	209	Mgr, « wk mag« wk Bt » grdt - plag porph - « wk ep » alt'd - « py 1.00-2.00% » - 1-2% pink hematite alteration - minor < 1% q-veins 1-15mm wide						
209	EOH	209	209	« 199.70- 199.80 py 1.00-5.00% », sulphides in fractures up to 8mm wide, « cpy 1.00% ». ?						
210										
211										
212										
213										
214										
215										
216										
217										
218										
219										
220										
Scale 1:100				11/05/01			16:14:07			

Hole Name :SB-01-02														
DIP	-66	Az	166	Hole Length	:270.00	NQ Core		Slate Bay Area						
Start				:439754.00,5665178.00,0.00	End			:439756.71,5665167.14,-25.13	Start Depth		:0.00	End Depth		:27.51
D_geol_SB						SAMPASS		SAMPASS		SAMPASS		SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript		Au		Au		Sample	s_from	s_to		
	Casing	0	3.5	?				5	RLC54911	0.1	0.2			
								950	RLC54912	0.2	0.3			
5	Conglomerate	3.5	64	Cherty Intrusive/grdt/Diorite similar to SB intrusive? Mafic umafic clasts and fragments dominate - approx 50% of clasts/fragrnents are intrusive rounded to subrounded/angular - 3-5 % qtz-tour « py » veins throughout 1-3mm wide. - heavily silicified / silica flooded margins of pebbles are to be resorbed. - veining at 38 and 15 deg respectively - Angular umafic fragments suggest very proximal umafic source - « minor chl » alteration - « wk-mod ser » - « py 1.00-5.00% », « tr cpy 0.50-2.00% » disseminated and in veins - zones of « tour » soaking (30-50%) - zones of 10-15% pyrite, 1-2%cpy, over 5-10cm ( @ 3.50 SO 55.00° ) - minor chl/ser seams 3-8mm wide @ approx 50 deg TCA - 1-2% mafic insitu tourmaline/pyrite altered clasts - Base of conglomerate is marked by larger clasts « 38.20- 38.45 sms py » zone « tour 1.00-3.00% », « tr cpy ».				120	RLC54835	3.2	4.25			
								280	RLC54836	4.25	5.25			
								105	RLC54837	5.25	6.5			
								195	RLC54838	6.5	7			
								265	RLC54839	7	7.9			
								880	RLC54840	7.9	8.8			
10								490	RLC54841	8.8	9.8			
								1280	RLC54842	9.8	10.8			
								135	RLC54843	10.8	11.8			
								190	RLC54844	11.8	12.8			
								65	RLC54845	12.8	13.8			
15								110	RLC54846	13.8	15			
								215	RLC54847	15	15.5			
								20	RLC54848	15.5	16.5			
								15	RLC54849	16.5	17.5			
								70	RLC54850	17.5	18.55			
								140	RLC54851	18.55	19.55			
20								130	RLC54852	19.55	20.55			
								295	RLC54853	20.55	21.55			
								260	RLC54854	21.55	22.55			
								110	RLC54855	22.55	23.55			
								95	RLC54856	23.55	24.55			
25								140	RLC54857	24.55	25.55			
								60	RLC54858	25.55	26.55			
								70	RLC54859	26.55	27.55			

Scale 1:200

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Hole Name :SB-01-02										
DIP	-66	Az	166	Hole Length :270.00		NQ Core		Slate Bay Area		
Start :439756.71,5665167.14,-25.13				End :439759.41,5665156.29,-50.26			Start Depth :27.51	End Depth :55.01		
D_geol_SB					SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
30	Conglomerate	3.5	64	Cherty Intrusive/grdt/Diorite similar to SB intrusive? Mafic umafic clasts and fragments dominate - approx 50% of clasts/fragments are intrusive rounded to subrounded/angular - 3-5 % qtz-tour « py » veins throughout 1-3mm wide. - heavily silicified / silica flooded margins of pebbles are to be resorbed. - veining at 38 and 15 deg respectively - Angular umafic fragments suggest very proximal umafic source - « minor chl » alteration - « wk-mod ser » - « py 1.00-5.00% », « tr cpy 0.50-2.00% » disseminated and in veins - zones of « tour » soaking (30-50%) - zones of 10-15% pyrite, 1-2%cpy, over 5-10cm « @ 3.50 SO 55.00° » - minor chl/ser seams 3-8mm wide @ approx 50 deg TCA - 1-2% mafic insitu tourmaline/pyrite altered clasts - Base of conglomerate is marked by larger clasts « 38.20- 38.45 sms py » zone « tour 1.00-3.00% », « tr cpy ».		70	RLC54859	26.55	27.55	
						115	RLC54860	27.55	28.55	
						180	RLC54861	28.55	29.55	
						260	RLC54862	29.55	30.55	
						160	RLC54863	30.55	31.55	
						95	RLC54864	31.55	32.55	
						190	RLC54865	32.55	33.55	
						150	RLC54866	33.55	34.55	
					35		70	RLC54867	34.55	35.55
							335	RLC54868	35.55	36.55
						510	RLC54869	36.55	37.45	
						315	RLC54870	37.45	38.15	
					40		680	RLC54871	38.15	38.6
							145	RLC54872	38.6	39.6
							310	RLC54873	39.6	40.6
							150	RLC54874	40.6	41.6
							255	RLC54875	41.6	42.6
							105	RLC54876	42.6	43.6
							225	RLC54877	43.6	44.6
							65	RLC54878	44.6	45.6
	380	RLC54879	45.6	46.6						
	325	RLC54880	46.6	47.6						
45		390	RLC54881	47.6	48.6					
		715	RLC54882	48.6	49.6					
		405	RLC54883	49.6	50.6					
		310	RLC54886	50.6	51.6					
		210	RLC54887	51.6	52.6					
		755	RLC54888	52.6	53.6					
50		585	RLC54889	53.6	54.6					
		260	RLC54930	54.6	55.6					

Scale 1:200

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Hole Name : SB-01-02										
DIP	-66	Az	166	Hole Length :270.00		NQ Core		Slate Bay Area		
Start :439759.41,5665156.29,-50.26				End :439762.15,5665145.32,-75.33			Start Depth :55.01		End Depth :82.52	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
60	Conglomerate	3.5	64	Cherty Intrusive/grdt/Diorite similar to SB intrusive? Mafic umafic clasts and fragments dominate - approx 50% of clasts/fragments are intrusive rounded to subrounded/angular - 3-5 % qtz-tour « py » veins throughout 1-3mm wide. - heavily silicified / silica flooded margins of pebbles are to be resorbed. - veining at 38 and 15 deg respectively - Angular umafic fragments suggest very proximal umafic source - « minor chl » alteration - « wk-mod ser » - « py 1.00-5.00% », « tr cpy 0.50-2.00% » disseminated and in veins - zones of « tour » soaking (30-50%) - zones of 10-15% pyrite, 1-2%cpy, over 5-10cm « @ 3.50 SO 55.00° » - minor ch/ser seams 3-8mm wide @ approx 50 deg TCA - 1-2% mafic insitu tourmaline/pyrite altered clasts - Base of conglomerate is marked by larger clasts « 38.20- 38.45 sms py » zone « tour 1.00-3.00% », « tr cpy ». sediments, « py 1.00-3.00% » associated with qtz/tourmaline veins. - tr qtz-tour veinlets - 1-3% blue q-eyes 1-3mm diameter. - msv to weakly foliated - « tr cpy » - Bleaching / alt'n associated with veins.	[REDACTED]	[REDACTED]	260	RLC54930	54.6	55.6
							520	RLC54931	55.6	56.6
							650	RLC54932	56.6	57.6
							125	RLC54933	57.6	58.6
							285	RLC54934	58.6	60.1
							110	RLC54935	60.1	61.6
							1340	RLC54936	61.6	63.1
							1275	RLC54937	63.1	64.6
							1345	RLC54938	64.6	66.1
							410	RLC54939	66.1	67.6
65	Fine Grained Sediments	64	73	- tr qtz-tour veinlets - 1-3% blue q-eyes 1-3mm diameter. - msv to weakly foliated - « tr cpy » - Bleaching / alt'n associated with veins.	[REDACTED]	[REDACTED]	350	RLC54940	67.6	69.1
							85	RLC54941	69.1	70.6
							45	RLC54942	70.6	72.1
							120	RLC54943	72.1	73.6
75	Intrusive-Trondj	73	91.35	fgr-mgr non-mag, fgr « py 1.00-2.00% » - « minor q« minor tour » veinlets - 1-3% blue-qtz eyes 1-3mm in diameter - msv to variably foliated - « tr cpy », - bleaching/alt'n associated with veins.	[REDACTED]	[REDACTED]	55	RLC54944	73.6	75.1
							50	RLC54945	75.1	76.7
							300	RLC54946	76.7	78.1
							315	RLC54947	78.1	78.85
80					[REDACTED]	[REDACTED]	155	RLC54948	78.85	80.5

Scale 1:200

11/05/01

16:27:56

Hole Name :SB-01-02										
DIP	-66	Az	166	Hole Length :270.00			NQ Core		Slate Bay Area	
Start :439762.15,5665145.32,-75.33				End :439764.98,5665133.97,-100.22			Start Depth :82.52		End Depth :110.02	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
85	Intrusive-Trondj	73	91.35	<ul style="list-style-type: none"> <li>fgr-mgr non-mag, fgr « py 1.00-2.00%»</li> <li>- « minor q« minor tour » veinlets</li> <li>- 1-3% blue-qtz eyes 1-3mm in diameter</li> <li>- msv to variably foliated</li> <li>- « tr cpy »,</li> <li>- bleaching/alt'n associated with veins.</li> </ul>						
						70	RLC54949	84.35	84.85	
						460	RLC54950	86.65	87.8	
90										
	Sericite Altd tuff	91.35	96.15	<ul style="list-style-type: none"> <li>- strongly chl/Mt altered mafic frags.</li> <li>- angular subrounded mafic frags, strongly altered.</li> <li>- very minor blue quartz eyes</li> <li>- « py 1.00-2.00%», « tr cpy »</li> <li>- chl/mt occurs in matrix/groundmass to mafic frags</li> <li>- v. « wk Bt » alt'n</li> </ul>						
95				« 101.15- 101.25 qtz-vein 5.00cm», « py 3.00-5.00%», « tr cpy »						
	Chl-Mag Altd Fragmental	96.15	104.8	*** see last description for possible entry error. ****						
100										
	Conglomerate (Chl-Mag Altd)	104.8	116.6	<ul style="list-style-type: none"> <li>chl/mt altered, « mod-str mag », « mt 1.00-4.00%», minor msv Mt up to 1cm wide.</li> <li>- « py 1.00-2.00%» diss</li> <li>- mod hem altered</li> <li>- « mod ep » alt'd, typically along fracture sets,</li> <li>- « chl 5.00-15.00%»</li> <li>- &lt; 1% blue quartz eyes</li> </ul>						
110										

Scale 1:200

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Hole Name :SB-01-02										
DIP	-66	Az	166	Hole Length :270.00			NQ Core		Slate Bay Area	
Start :439764.98,5665133.97,-100.22				End :439767.90,5665122.25,-124.94			Start Depth :110.02		End Depth :137.53	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
115	Conglomerate (Chl-Mag Altd)	104.8	116.6	chl/mt altered, « mod-str mag », « mt 1.00-4.00%», minor msv Mt up to 1cm wide. - « py 1.00-2.00%» diss - mod hem altered - « mod ep » alt'd, typically along fracture sets, - « chl 5.00-15.00%» - < 1% blue quartz eyes						
120	Fgr Wacke	116.5	133.12	- 1% quartz eyes - minor epidote along fracture surfaces - « str chl » alt'd, « chl 10.00-15.00%» - « py 1.00-2.00%»						
135	Bt-Chl-Mt Alt'd Mafic Fragmental	133.12	138.5	- Non-mag 1-3% blue quartz eyes (1-3mm diam) - « diss py 1.00%» - « ep 1.00» alt'n - « minor Bt » alt'n 130.09-131.40 vfg component possibly raft of vfg seds?						
								1570	63280	133.7 134.5
								2660	63281	134.5 135
								955	63282	135 136.1

Scale 1:200

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16:27:57

Hole Name :SB-01-02										
DIP	66	Az	166	Hole Length :270.00			NQ Core		Slate Bay Area	
Start :439767.90,5665122.25,-124.94				End :439770.87,5665110.34,-149.55			Start Depth :137.53		End Depth :165.04	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
140	Bt-Chl-Mt Alt'd Mafic Fragmental	133.12	138.5	<ul style="list-style-type: none"> <li>- Non-mag 1-3% blue quartz eyes (1-3mm diam)</li> <li>- « diss py 1.00%»</li> <li>- « ep 1.00» alt'n</li> <li>- « minor Bt » alt'n</li> </ul>	█	985	63283	137.95	138.85	
	Cgr Granodiorite/Diori Mafic/Int Volcanoclastics?	138.5	139.9							<ul style="list-style-type: none"> <li>- 1-3% blue quartz eyes</li> <li>- heavily chlorite alt'd, « chl 5.00-15.00%», « wk-mod fol 45.00-50.00°»</li> <li>- « py 1.00-8.00%», « tr cpy », « minor carb-vein »</li> <li>- « wk carb » alt'n</li> <li>- « mod mag« mod mt 1.00-4.00%» disseminated.</li> </ul>
145	Alt'd Sediments	143.5	147.6	<ul style="list-style-type: none"> <li>- 130.09-131.40 vfg component possibly raft of vfg seds?</li> <li>- « ep 1.00-4.00» alt'n</li> <li>- « py 1.00-2.00%»</li> <li>- « Bt 1.00%»</li> <li>- non-mag</li> <li>- vfg, bleached/alt'd mudstone</li> <li>- « mod ser » alt'd</li> </ul>						
150	Alt'd Mafic Fragmental	147.6	155.12	<ul style="list-style-type: none"> <li>- 5-6% qtz/py/-tour veins x cutting seds, strong alt'n along margins at veins</li> <li>- « py 1.00-5.00%»</li> <li>- « tr cpy »</li> <li>- « Bt » (?Mafic) 1-3mm pophyryoblasts</li> <li>- « wk chl » alt'd</li> <li>- « mod-st« mod-str mt 2.00-8.00%»</li> <li>- « str chl » alt'd</li> <li>- « py 1.00-4.00%», « tr cpy »</li> <li>- « minor qtz-vein 10.00-100.00mm» wide, sulphides assoc with veins</li> <li>- « minor Bt » alt'n</li> <li>- « minor carb » alt'n</li> </ul>						
155	Trondj	155.12	191.09	<ul style="list-style-type: none"> <li>- 30-35% plag phenos</li> <li>- « Bt 1.00-2.00%»</li> <li>- « diss py 2.00-4.00%»</li> <li>- « tr cpy »</li> <li>- massive in app</li> <li>- « qtz-vein 1.00-2.00% 1.00-2.00mm» wide</li> <li>- « ep 1.00%»</li> <li>- 1-3% blue quartz eyes</li> </ul>						
160				« 161.30- 162.10 qtz-vein » milky wht app, possible « tour », « tr cpy »						
166										
Scale 1:200				11/05/01			16:27:57			

Hole Name :SB-01-02											
DIP	-66	Az	166	Hole Length	:270.00	NQ Core		Slate Bay Area			
Start	:439770.87,5665110.34,-149.55			End	:439773.88,5665098.25,-174.07		Start Depth	:165.04		End Depth	:192.54
D_geol_SB						SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au		Au		Sample		s_from s_to
170	Trondj	155.12	191.09	<ul style="list-style-type: none"> <li>- 30-35% plag phenos</li> <li>- « Bt 1.00-2.00%»</li> <li>- « diss py 2.00-4.00%»</li> <li>- « tr cpy »</li> <li>- massive in app</li> <li>- « qtz-vein 1.00-2.00% 1.00-2.00mm» wide</li> <li>- « ep 1.00%»</li> <li>- 1-3% blue quartz eyes</li> </ul> <p style="text-align: center;">« 161.30- 162.10 qtz-vein » milky wht app, possible « tour », « tr cpy ».</p>							
175											
180											
185				<ul style="list-style-type: none"> <li>- « chl 20.00-25.00%», « str-mod mag », altered</li> <li>- « Bt 2.00-3.00%» alt'n</li> <li>- « py 1.00-3.00%»</li> <li>- « wk carb » alt'd « carb-vein »</li> <li>- « minor qtz-vein »</li> <li>- « tr cpy »</li> <li>- Mafic is strongly chlorite alt'd. Almost appears brecciated in some sections with chlorite matrix</li> <li>- Biotite alt'n is variable but can be up to 10%. Minor intervals where biotite is up to 20% typically associated with qtz-carb veins</li> </ul>							
190	Chi-Mt-Bt-Alt'd Mafic	191.09	213.4	<p style="text-align: center;">« 210.15- 210.40 Bt alt'd zone » « Bt 15.00-20.00%», « py 3.00-5.00%», « tr cpy ».</p>			70	RLC54890	191.7	193.2	
Scale 1:200				11/05/01			16:27:57				



Hole Name :SB-01-02													
DIP	-66	Az	166	Hole Length :270.00		NQ Core		Slate Bay Area					
Start :439773.88,5665098.25,-174.07				End :439776.91,5665086.13,-198.58			Start Depth :192.54	End Depth :220.05					
D_geol_SB						SAMPASS		SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to				
195	Chl-Mt-Bt-Alt'd Mafic	191.09	213.4	<ul style="list-style-type: none"> <li>- « chl 20.00-25.00% », « str-mod mag », altered</li> <li>- « Bt 2.00-3.00% » alt'n</li> <li>- « py 1.00-3.00% »</li> <li>- « wk carb » alt'd « carb-vein »</li> <li>- « minor qtz-vein »</li> <li>- « tr cpy »</li> <li>- Mafic is strongly chlorite alt'd. Almost appears brecciated in some sections with chlorite matrix</li> <li>- Biotite alt'n is variable but can be up to 10%. Minor intervals where biotite is up to 20% typically associated with qtz-carb veins</li> </ul>			70	191.7	193.2				
							185	193.2	194.7				
							100	194.7	196.2				
							45	196.2	197.5				
							40	197.5	199.2				
200				« 210.15- 210.40 Bt alt'd zone » « Bt 15.00-20.00% », « py 3.00-5.00% », « tr cpy ».			90	199.2	200.7				
							110	200.7	202.2				
							35	202.2	203.7				
205							45	203.7	205.2				
							25	205.2	206.7				
							30	206.7	208.2				
							110	208.2	209.2				
210				<p>Mt, Chl, « str mag », « tr py » « @ 213.40 sharp UCT 70.00° », « @ 214.10 sharp LCT 70.00° ».</p> <p>as above</p> <ul style="list-style-type: none"> <li>- « str mag « str mt 15.00-20.00 « str chl » alt'd, « py 3.00-5.00% »</li> <li>- « tr cpy »</li> <li>- Mt is massive</li> <li>- no obvious banding</li> <li>- « str chl » alt'd</li> <li>- « py 1.00-4.00% », « tr cpy 1.00% » locally</li> <li>- Biotite alt'n is most dominant in qtz-carb veins up to 40%</li> <li>- non - « wk mag », « tr mt 1.00% »</li> <li>- « minor ep » alt'n associated with fractures</li> <li>- « tr qtz-carb-vein 1.00% »</li> <li>- « 219.75- 220.35 Bt 25.00-40.00% » in zone of intense Biotite alteration</li> <li>- « tr py 4.00% », « tr cpy »</li> <li>- « 230.18- 230.15 qtz-vein 1.00mm » wide Heavily biotite alt'd, « minor carb » associated with vein, « tr cpy ».</li> <li>- « 230.30- 230.50 qtz-vein 3.00cm » wide, « py 2.00-5.00% », « cpy 1.00-2.00% », Heavily Bt/Chl altered vein at 40 deg TCA. Magnetite increases in this interval « mt 5.00-8.00% ».</li> </ul>			110	209.2	210.1				
							335	210.1	210.45				
							30	210.45	211.45				
							85	211.45	212.45				
							80	212.45	213.4				
	Iron Formation	213.4	214.1				175	213.4	214				
215	Chl-Bt-Alt'd Mafic Frag	214.1	214.65				225	214	214.65				
		214.65	215.3				450	214.65	215.3				
	Iron Formation	215.3	232.08				260	215.3	216.5				
	Chl-Bt-Alt'd Mafic						105	216.5	217.5				
							375	217.5	218.75				
							80	218.75	219.75				
220							870	219.75	220.35				
Scale 1:200				11/05/01			16:27:57						

Hole Name :SB-01-02													
DIP	-66	Az	166	Hole Length	:270.00	NQ Core		Slate Bay Area					
Start	:439776.91,5665086.13,-198.58			End	:439779.93,5665074.01,-223.09			Start Depth	:220.05	End Depth	:247.55		
D_geol_SB						SAMPASS		SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to				
225	Chl-Bt-Alt'd Mafic	215.3	232.08	<ul style="list-style-type: none"> <li>- « str chl » alt'd</li> <li>- « py 1.00-4.00% », « tr cpy 1.00% » locally</li> <li>- Biotite alt'n is most dominant in qtz-carb veins up to 40%</li> <li>- non - « wk mag », « tr mt 1.00% »</li> <li>- « minor ep » alt'n associated with fractures</li> <li>- « tr qtz-carb-vein 1.00% »</li> <li>« 219.75- 220.35 Bt 25.00-40.00% » in zone of intense Biotite alteration</li> <li>« tr py 4.00% », « tr cpy »</li> <li>« 230.18- 230.15 qtz-vein 1.00mm » wide Heavily biotite alt'd, « minor carb » associated with vein, « tr cpy ».</li> <li>« 230.30- 230.50 qtz-vein 3.00cm » wide, « py 2.00-5.00% », « cpy 1.00-2.00% », Heavily Bt/Chl altered vein at 40 deg TCA. Magnetite increases in this interval « mt 5.00-8.00% ».</li> </ul>									
					870	RLC54916	219.75	220.35					
					60	RLC54917	220.35	221.35					
					90	RLC54918	221.35	222.35					
					50	RLC54919	222.35	223.85					
					180	RLC54920	223.85	225.35					
					40	RLC54921	225.35	226.85					
					280	RLC54922	226.85	227.45					
					650	RLC54923	227.45	228.02					
					235	RLC54924	228.02	229					
230													
					240	RLC54925	229	230.25					
					1230	RLC54926	230.25	230.75					
					135	RLC54927	230.75	231.34					
235	Interbedded Mafic/Fe Formation	232.08	246.6	<ul style="list-style-type: none"> <li>Interbedded Alt'd mafic/FeFm, 60% Mafic, 40% FeFm</li> <li>Mafic: strongly chl altered, py 1-5%, tourm - 1% cpy</li> <li>- 30-40% chl</li> <li>- 25% Bt</li> <li>- Chl/Bt is matrix to mod brecciated mafic</li> <li>- light gray color frags (alt'd mafic?) in matrix of chl. Possible rubble top flows?</li> <li>- mod foliated @35-55 deg TCA</li> <li>FeFm: banded app, 1-2cm with bands of Mt (msv) cherty layers strongly chl alt'd chl ***** through FeFm with bands ** broken app trace - 1% py dissem</li> <li>1-3% broken dark gray with associated py/cpy</li> <li>Interval may represent rubbly slump zone with FeFm interlayerd with alt'd Mafic.</li> </ul>									
					280	RLC54928	231.34	231.82					
					190	RLC54929	231.82	233.35					
					90	RLC55801	233.35	234.34					
					1050	RLC55802	234.34	234.75					
					80	RLC55803	234.75	235.75					
					180	RLC55804	235.75	236.75					
					35	RLC55805	236.75	237.75					
					10	RLC55806	237.75	238.75					
					20	RLC55807	238.75	239.75					
240													
					105	RLC55808	239.75	240.75					
					60	RLC55809	240.75	241.91					
					1710	RLC55810	241.91	242.4					
					140	RLC55811	242.4	243					
					125	RLC55812	243	244					
245													
					145	RLC55813	244	245					
					290	RLC55814	245	246					
					70	RLC55815	246	247					
	Iron Formation	246.6	248.78	Well banded Mt/chert, str « mag », msv Magnetite bands up to 1cm wide « chl 5.00-8.00% » alt'n « py 1.00-2.00% », « tr cpy @ 246.60 tr SO 35.00-40.00° »									
90	RLC55816	247	248										

Scale 1:200

11/05/01

16:27:57

Hole Name :SB-01-02													
DIP		-66		Az		166		Hole Length :270.00		NQ Core		Slate Bay Area	
Start :439779.93,5665074.01,-223.09				End :439782.95,5665061.90,-247.60				Start Depth :247.55		End Depth :275.06			
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS			
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to				
250	Iron Formation	246.6	248.78	Well banded Mt/chert, str « mag », msv Magnetite bands up to 1cm wide « chl 5.00-8.00% » alt'n « py 1.00-2.00% »; « tr cpy < @ 246.60 tr SO 35.00-40.00° » - « str chl » alt'd « chl 25.00-35.00% » - wk-str « Bt » alt'd « Bt 15.00-30.00% », zones of almost massive Biotite - Biotite and « chl » alteration is pervasive throughout. Matrix to lighter colored fragments (subrounded) which are possible alt'd Mafic. « tr py 1.00% », very minor cubic and euhedral app - « wk-mod mag », « mt 3.00-5.00% », possibly associated with chl/bt alteration - « wk-mod fol 35.00-50.00° » TCA - « tr cpy » < @ 259.23 sharp LCT > irregular			RLC55816	247	248				
	Chl-Bt Altered Mafic	248.78	259.23		RLC55817	248	249	RLC55818	249	250			
255							RLC55819	250	251				
							RLC55830	251	252				
							RLC55831	252	253				
							RLC55822	253	254				
							RLC55823	254	255				
							RLC55824	255	256				
260	Ultramafic	259.23	270	Med gray green to gray, fgr Silicified « wk-mod mag » 10-15% quartz as masses and parallel to foliation/bedding (Mt), « py 3.00-5.00% », « tr cpy », diss in fractures, bands and along edges of quartz zones  **** Chl-Blo altered Mafics Dark green to greed-black More ductile unit - weak to mod foliation @ approx 20 deg to CA locally kinked, py 1-3%, predominantly diss. Some fracture controlled. 2-5% qtz usually as small boudins or blocks, tr cpy often associated with qtz.  *** ULTRAMAFIC Med-gray to blue - green, md grained, soft Mod serpentinous, talcose and weakly to mod , carbonitized (gray phenos) 1% cubic pyrite throughout 2-3% carbonate stringers (sweats) usually < 1.0cm wide. ?			RLC55825	256	257				
							RLC55826	257	258				
							RLC55827	258	258.8				
							RLC55828	258.8	259.23				
265							RLC55829	259.23	260.23				
							RLC55832	264.65	265.65				
270	EOH	270	270				RLC55833	265.65	266.65				
							RLC55834	266.65	267.65				
276													

Scale 1:200

11/05/01

16:27:58

Hole Name :SB-01-03											
DIP		Az		Hole Length :327.00			NQ Core		Slate Bay Area		
Start :439706.00,5665326.00,0.00				End :439709.08,5665314.27,-12.19			Start Depth :0.00		End Depth :17.19		
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript		Au	Au	Sample	s_from	s_to	
2.5	Casing	0	4.3	?				1335	RLC55840	0.01	0.02
								5	RLC55841	0.02	0.03
								5	RLC54046	0.07	0.08
								15	RLC54026	0.08	0.09
5	Mafic Dyke	4.3	5.5	<ul style="list-style-type: none"> <li>- fgr « py 1.00-2.00% »</li> <li>- msv</li> <li>- « minor ep » alt'n</li> <li>- « wk fol »</li> </ul>			90	RLC55835	4.55	5.5	
7.5	Altered Siliciclastics	5.5	24.34	<ul style="list-style-type: none"> <li>- fgr, medium grained, highly siliceous, non-mag, light creamy grey-grey, « diss py 1.00% », minor pyrite rich veins up to 4mm wide</li> <li>- zones of strongly sericitic altered sed.</li> <li>- « tour 1.00-2.00% » (disseminated). Minor milky white quartz veins, 1% within tourmaline stringers- Minor (1%) diss tourmaline</li> <li>- « str sil »</li> <li>- minor ultramafic clasts</li> <li>SO variable 55-65 deg.</li> </ul>			30	RLC55836	5.5	6.5	
							10	RLC55837	6.5	7.5	
							5	RLC55838	7.5	8.5	
							5	RLC55839	8.5	9.5	
15							5	RLC55842	13	14	
							5	RLC55843	14	14.32	
							5	RLC55844	14.32	15.32	

Scale 1:125

11/05/01

16:29:59

Hole Name :SB-01-03										
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area	
Start :439709.08,5665314.27,-12.19				End :439712.03,5665302.57,-24.43			Start Depth :17.19		End Depth :34.38	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
20	Altered Siliciclastics	5.5	24.34	- fgr, medium grained, highly siliceous, non-mag, light creamy grey-grey, « diss py 1.00%», minor pyrite rich veins up to 4mm wide - zones of strongly sericitic altered seds. - « tour 1.00-2.00%» (disseminated). Minor milky white quartz veins, 1% within tourmaline stringers- Minor (1%) diss tourmaline - « str sil » - minor ultramafic clasts SO variable 55-65 deg.						
22.5										
25	Diorite	24.34	28.4	- mgr non-mag « diss py 1.00-2.00%», - 1-4% blue qtz-eyes - « Bt 5.00-8.00%» - « minor chl » - « wk ep » alt'd - « tr cpy »						
27.5										
30	Variably Altered Wacke/Cngl	28.4	46.68	- as above - highly silicified - non-mag - « wk ser » - minor mafic/umafic frags (fuchsite)						
32.5										
							5	RLC55845	23.26	24.34
							225	RLC55846	24.34	25.34
							80	RLC55847	25.34	26.34
							65	RLC55848	26.34	27.4
							45	RLC55849	27.4	28.4
							5	RLC55850	28.4	29.4

Scale 1:125

11/05/01

16:29:59

Hole Name :SB-01-03														
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area					
Start :439712.03,5665302.57,-24.43				End :439714.86,5665290.91,-36.74			Start Depth :34.38		End Depth :51.57					
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS				
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to				
35	Variably Altered Wacke/Cngl	28.4	46.68	<ul style="list-style-type: none"> <li>- as above</li> <li>- highly silicified</li> <li>- non-mag</li> <li>- « wk ser »</li> <li>- minor mafic/umafic frags (fuchsite)</li> </ul>										
37.5														
40														
42.5														
45	Diorite	46.68	54.45	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- « diss py 1.00-2.00%»</li> <li>- msv to wk foliated</li> <li>- 1% blue quartz eyes</li> <li>- « Bt 5.00-10.00%»</li> <li>- « @ 54.45 sharp LCT » - irregular intrusive cntc.</li> <li>- &lt; 1% milky white grains</li> </ul>										
47.5											25	RLC54976	46.68	47.7
											30	RLC54977	47.7	48.5
											315	RLC54978	48.5	49.5
50											75	RLC54979	49.5	50.5
		RLC54980												
		RLC54981												
Scale 1:125				11/05/01			16:29:59							

Hole Name :SB-01-03										
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area	
Start :439714.86,5665290.91,-36.74				End :439717.56,5665279.26,-49.09			Start Depth :51.57		End Depth :68.76	
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
52.5	Diorite	46.68	54.45	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- « diss py 1.00-2.00%»</li> <li>- msv to wk foliated</li> <li>- 1% blue quartz eyes</li> <li>- « Bt 5.00-10.00%»</li> <li>- « @ 54.45 sharp LCT » - irregular intrusive cntc.</li> <li>- &lt; 1% milky white grains</li> </ul>			RLC54981			
						70	RLC54982	52.5	53.5	
						170	RLC54983	53.5	54.45	
55	Interbedded f-m Arenite/Cong	54.45	107.47	<ul style="list-style-type: none"> <li>- non-mag, highly siliceous Arenite/Pebble Cong</li> <li>- « wk ser »</li> <li>- well bedded</li> <li>- minor mafic /umafic frags, angular in nature</li> <li>- pebble are dominantly of fgr highly siliceous material. Pebbles appear to be of the same composition of the fgr *** siliceous seds.</li> <li>- Bedding « @ 54.45 SO 75.00-80.00° »</li> <li>80-89 fgr, fuchsite material appears to be sitting in pebble cngl zone as groundmass</li> <li>Late stage fluids appear to be dumping chrome rich material(?)</li> <li>- Minor high strain fabrics, 1-1.5cm wide approx 30-40deg TCA</li> </ul>		5	RLC54984	54.45	55.5	
57.5										
60										
62.5										
65										
67.5										
Scale 1:125				11/05/01			16:29:59			

Hole Name :SB-01-03										
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area	
Start :439717.56,5665279.26,-49.09				End :439720.26,5665267.56,-61.40			Start Depth :68.76		End Depth :85.96	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
70	Interbedded f-m Arenite/Cong	54.45	107.47	<ul style="list-style-type: none"> <li>- non-mag, highly siliceous Arenite/Pebble Cong</li> <li>- « wk ser »</li> <li>- well bedded</li> <li>- minor mafic /umafic frags, angular in nature</li> <li>- pebble are dominantly of fgr highly siliceous material. Pebbles appear to be of the same composition of the fgr *** siliceous seds.</li> <li>- Bedding &lt; @ 54.45 SO 75.00-80.00° &gt;</li> <li>80-89 fgr, fuchsite material appears to be sitting in pebble cngl zone as groundmass</li> <li>Late stage fluids appear to be dumping chrome rich material(?)</li> <li>- Minor high strain fabrics, 1-1.5cm wide approx 30-40deg TCA</li> </ul>						
72.5										
75										
77.5										
80										
82.5										
85										
Scale 1:125				11/05/01			16:29:59			



Hole Name :SB-01-03										
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area	
Start :439720.26,5665267.56,-61.40				End :439722.98,5665255.81,-73.64			Start Depth :85.96		End Depth :103.15	
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
87.5	Interbedded f-m Arenite/Cong	54.45	107.47	<ul style="list-style-type: none"> <li>- non-mag, highly siliceous Arenite/Pebble Cong</li> <li>- « wk ser »</li> <li>- well bedded</li> <li>- minor mafic /umafic frags, angular in nature</li> <li>- pebble are dominantly of fgr highly siliceous material. Pebbles appear to be of the same composition of the fgr *** siliceous seds.</li> <li>- Bedding ( @ 54.45 SO 75.00-80.00° )</li> <li>80-89 fgr, fuchsite material appears to be sitting in pebble cngl zone as groundmass</li> <li>Late stage fluids appear to be dumping chrome rich material(?)</li> <li>- Minor high strain fabrics, 1-1.5cm wide approx 30-40deg TCA</li> </ul>						
90										
92.5										
95										
97.5										
100										
102.5										
Scale 1:125				11/05/01			16:29:59			

Hole Name :SB-01-03											
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area		
Start :439722.98,5665255.81,-73.64				End :439725.71,5665243.99,-85.83			Start Depth :103.15		End Depth :120.34		
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to
105	Interbedded f-m Arenite/Cong	54.45	107.47	<ul style="list-style-type: none"> <li>- non-mag, highly siliceous Arenite/Pebble Cong</li> <li>- « wk ser »</li> <li>- well bedded</li> <li>- minor mafic /umafic frags, angular in nature</li> <li>- pebble are dominantly of fgr highly siliceous material. Pebbles appear to be of the same composition of the fgr *** siliceous seds.</li> <li>- Bedding : @ 54.45 SO 75.00-80.00°</li> <li>80-89 fgr, fuchsite material appears to be sitting in pebble cngl zone as groundmass</li> <li>Late stage fluids appear to be dumping chrome rich material(?)</li> <li>- Minor high strain fabrics, 1-1.5cm wide approx 30-40deg TCA</li> </ul>							
107.5	Mgr Mafic Dyke	107.47	114.2	<ul style="list-style-type: none"> <li>- Non-mag, mgr, « chl », « Bt », « py » dyke</li> <li>- « py 1.00-2.00%»</li> <li>- Mgr in app</li> <li>- « wk ep » alt'd</li> </ul>				70	RLC54985	107.47	108.5
110								20	RLC54986	108.5	110
112.5								50	RLC54987	110	111.5
115	Pebble Cong << Qtz Arenite	114.2	136.8	<ul style="list-style-type: none"> <li>- similar to earlier intervals 1-3% blue quartz eyes</li> <li>- clasts 1-6cm in diameter</li> <li>- clasts are dominantly intrusive (mgr/cgr)</li> <li>- « tr py 1.00%», « tr cpy », Cpy typically occurs along late fractures</li> <li>- Minor (&lt; 1%) mafic frags</li> </ul>				20	RLC54988	111.5	113
117.5								20	RLC54989	113	114.2
120											
Scale 1:125				11/05/01			16:29:59				

Hole Name :SB-01-03										
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area	
Start :439725.71,5665243.99,-85.83				End :439728.53,5665232.17,-97.99			Start Depth :120.34		End Depth :137.53	
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
122.5	Pebble Cong << Qtz Arenite	114.2	136.8	<ul style="list-style-type: none"> <li>- similar to earlier intervals 1-3% blue quartz eyes</li> <li>- clasts 1-6cm in diameter</li> <li>- clasts are dominantly intrusive (mgr/cgr)</li> <li>- « tr py 1.00% », « tr cpy », Cpy typically occurs along late fractures</li> <li>- Minor (&lt; 1%) mafic frags</li> </ul>						
125										
127.5										
130										
132.5								5	RLC55901	131 132
								5	RLC55902	132 133
								5	RLC55903	133 133.88
								65	RLC55904	133.88 134.2
								5	RLC55905	134.2 135
135								10	RLC55906	135 135.5
								180	RLC55907	135.5 136
								55	RLC55908	136 136.9
137.5	Bt Diorite	136.8	142.26	<ul style="list-style-type: none"> <li>- fgr « Bt » PY diorite</li> <li>- fgr « py 3.00-5.00% », disseminated throughout, « tr cpy »</li> <li>- minor plag phenos</li> <li>- « wk chl » alt'n</li> <li>- « @ 136.80 sharp UCT », « @ 142.26 sharp LCT » - irregular, clear intrusive cntc</li> <li>- non-mag</li> </ul>				340	RLC55909	136.9 138
Scale 1:125				11/05/01			16:29:59			

Hole Name : SB-01-03											
DIP	-45	Az	165	Hole Length	:327.00	NQ Core		Slate Bay Area			
Start	:439728.53,5665232.17,-97.99			End	:439731.53,5665220.40,-110.15			Start Depth	:137.53	End Depth	:154.72
	D_geol_SB					SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
140	Bt Diorite	136.8	142.26	- fgr « Bt » PY diorite - fgr « py 3.00-5.00% », disseminated throughout, « tr cpy » - minor plag phenos - « wk chl » alt'n - « @ 136.80 sharp UCT », « @ 142.26 sharp LCT » - irregular, clear intrusive cntc - non-mag			340	RLC55909	136.9	138	
							345	RLC55912	138	139	
							300	RLC55913	139	140	
							315	RLC55914	140	141	
							280	RLC55915	141	142.26	
142.5	Qtz Arenite w/ Pebble Cong	142.26	150.6	- as above non-mag - « py 1.00-2.00% », « tr cpy » - clasts are dominantly intrusive in nature - « wk ser » alt'd - 1% mafic frags - <1% mafic strongly pyritic/tourm rich clasts - <1% late tourm veinlets - 1% blue quartz eyes « @ 142.26 SO 65.00-45.00 ».			55	RLC55916	142.26	143	
145							20	RLC55917	143	144	
							10	RLC55918	144	145	
							25	RLC55919	145	146	
							5	RLC55920	146	147	
147.5							5	RLC55921	147	148	
							10	RLC55922	148	149	
150				- « wk mag », v weak « fol 70.00° » TCA - « py 5.00-10.00% » diss throughout - weakly magnetic - minor blue quartz eyes - v minor intrusive clasts (pebbles)			5	RLC55923	149	150	
	ch/Bt/ Py alt'd mgr arenite/Cong	150.6	151.44				160	RLC55924	150	150.6	
							155	RLC55925	150.6	151.44	
152.5	Qtz arenite w/ Pebble Cong	151.44	155.02	- « tr py 2.00% » - similar to above unit - non-mag  « 151.80- 151.90 Bt Py seam 30.00° » TCA 5mm wide, « py 15.00-20.00% », « minor tour ».			40	RLC55926	151.44	152	
							15	RLC55927	152	153	
							250	RLC55928	153	154	
							5	RLC55929	154	154.82	

Scale 1:125

11/05/01

16:30:00

Hole Name :SB-01-03												
DIP	-45	Az	165	Hole Length	:327.00	NQ Core		Slate Bay Area				
Start	:439731.53,5665220.40,-110.15			End	:439734.71,5665208.67,-122.30		Start Depth	:154.72		End Depth	:171.91	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS			
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to			
	Qtz arenite w/ Pebble Cong	151.44	155.02	<ul style="list-style-type: none"> <li>- « tr py 2.00%»</li> <li>- similar to above unit</li> <li>- non-mag</li> </ul>			RLC55929	154	154.82			
	Ch/Bt Altd Pebble Cong	155.02	156.64				RLC55930	154.82	155.02			
-157.5	Qtz Arenite/Cobble Cngl	156.64	194.73	<ul style="list-style-type: none"> <li>- « 151.80- 151.90 Bt Py seam 30.00» TCA 5mm wide, « py 15.00-20.00%», « minor tour ».</li> <li>- « py 5.00-10.00%»</li> <li>- « chl » « Bt » alt'd zone</li> <li>- « wk-mod mag »</li> <li>- « @ 155.02 gradational UCT », « @ 156.64 gradational LCT »</li> <li>- « minor ep » alt'n</li> <li>- 1-3% blue quartz eyes</li> </ul>			RLC55932	156	156.64			
							RLC55933	156.64	158			
-160				<ul style="list-style-type: none"> <li>- non-mag</li> <li>- « tr py 1.00%»</li> <li>- « minor chl » seams 5mm wide @ 20 deg TCA</li> <li>- mafic py-rich clasts increase towards bottom of interval</li> <li>- 1-2% mafic frags</li> <li>- minor pebble cngl lenses. Intrusive dominated pebbles</li> <li>- « py 1.00-2.00%»</li> </ul>			RLC55935	159	159.72			
							RLC55936	159.72	160.28			
-162.5				<ul style="list-style-type: none"> <li>- « 160.34- 161.35 py 5.00-10.00%» - Increased Bt/Chl alteration. Possibly more mafic matrix of sed.</li> </ul>			RLC55937	160.28	160.84			
							RLC55938	160.84	161.35			
-165				<ul style="list-style-type: none"> <li>- « 169.57- 169.80 Qtz-vein 20.00° 1.00-2.00mm» « py 1.00-2.00%», « cpy 1.00%», weakly bleached margins.</li> <li>- « 173.30- 173.69 py vein 15.00-20.00% 20.00» deg TCA</li> </ul>			RLC55939	161.35	162.5			
							RLC55942	162.5	164			
-167.5				<ul style="list-style-type: none"> <li>- « 176.34- 177.72 tr cpy » Bt-alt/Chl alt'd « py 10.00-15.00%» Cngl lense. Increase in sulphides might be due to more muddy/mafic. Fgr.</li> <li>- « 181.00- 192.00 py 1.00-3.00%»</li> <li>- Cobble Cngl/arenite</li> <li>- cobble size 3-10cm in dom matrix supported</li> <li>- intrusive dominated cobbles</li> <li>- « tr cpy »</li> <li>- 1-2% mafic clasts (1-2cm), strongly pyritized (5-10%) tourm alt'd</li> <li>- 1-2% angular mafic/umafic frags</li> <li>- trace tourmaline in minor fractures.</li> </ul>			RLC55943	164	165.5			
							RLC55944	165.5	167			
-170							RLC55945	167	168.5			
							RLC55946	168.5	169.57			
							RLC55947	169.57	169.98			
							RLC55948	169.98	171.5			
							RLC55949	171.5	173			

Scale 1:125

11/05/01

16:30:00

Hole Name :SB-01-03													
DIP	-45	Az	165	Hole Length	:327.00	NQ Core		Slate Bay Area					
Start				:439734.71,5665208.67,-122.30	End		:439738.11,5665196.98,-134.46	Start Depth		:171.91	End Depth		:189.10
D_geol_SB						SAMPASS		SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript		Au		Au		Sample	s_from	s_to	
172.5	Qtz Arenite/Cobble Cngl	156.64	194.73	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- « tr py 1.00%»</li> <li>- « minor chl » seams 5mm wide @ 20 deg TCA</li> <li>- mafic py-rich clasts increase towards bottom of interval</li> <li>- 1-2% mafic frags</li> <li>- minor pebble cngl lenses. Intrusive dominated pebbles</li> <li>- « py 1.00-2.00%»</li> </ul>				105	RLC55949	171.5	173		
								185	RLC55950	173	173.3		
								95	RLC54951	173.3	173.67		
								85	RLC54952	173.67	174.1		
								140	RLC54953	174.1	174.4		
								150	RLC54954	174.4	175		
175				<ul style="list-style-type: none"> <li>« 160.34- 161.35 py 5.00-10.00%» - Increased Bt/Chl alteration. Possibly more mafic matrix of sed.</li> <li>« 169.57- 169.80 Qtz-vein 20.00° 1.00-2.00mm» « py 1.00-2.00%», « cpy 1.00%», weakly bleached margins.</li> </ul>				120	RLC54955	175	176		
								90	RLC54956	176	176.34		
								465	RLC54957	176.34	177.31		
177.5				<ul style="list-style-type: none"> <li>« 173.30- 173.69 py vein 15.00-20.00% 20.00» deg TCA</li> <li>« 176.34- 177.72 tr cpy » Bt-alt/Chl alt'd « py 10.00-15.00%» Cngl lense. Increase in sulphides might be due to more muddy/mafic. Fgr.</li> <li>« 181.00- 192.00 py 1.00-3.00%»</li> </ul>				305	RLC54958	177.31	177.72		
								210	RLC54959	177.72	179		
								50	RLC54960	179	179.64		
180				<ul style="list-style-type: none"> <li>- Cobble Cngl/arenite</li> <li>- cobble size 3-10cm in dom matrix supported</li> <li>- intrusive dominated cobbles</li> <li>- « tr cpy »</li> <li>- 1-2% mafic clasts (1-2cm), strongly pyritized (5-10%) tourm alt'd</li> <li>- 1-2% angular mafic/umafic frags</li> <li>- trace tourmaline in minor fractures.</li> </ul>				245	RLC54961	179.64	181		
								30	RLC54962	181	182		
182.5								130	RLC54963	182	183		
								40	RLC54964	183	184		
								85	RLC54965	184	185		
185								345	RLC54966	185	186.5		
								85	RLC54967	186.5	188		
187.5								165	RLC54968	188	189.5		
Scale 1:125				11/05/01			16:30:00						

Hole Name :SB-01-03											
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area		
Start :439738.11,5665196.98,-134.46				End :439741.90,5665185.38,-146.56			Start Depth :189.10		End Depth :206.29		
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to
190	Qtz Arenite/Cobble Cngl	156.64	194.73	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- « tr py 1.00%»</li> <li>- « minor chl » seams 5mm wide @ 20 deg TCA</li> <li>- mafic py-rich clasts increase towards bottom of interval</li> <li>- 1-2% mafic frags</li> <li>- minor pebble cngl lenses. Intrusive dominated pebbles</li> <li>- « py 1.00-2.00%»</li> </ul>				165	RLC54968	188	189.5
								165	RLC54969	189.5	191
								965	RLC54970	191	191.71
192.5				<ul style="list-style-type: none"> <li>« 160.34- 161.35 py 5.00-10.00%» - increased Bt/Chl alteration. Possibly more mafic matrix of sed.</li> <li>« 169.57- 169.80 Qtz-vein 20.00° 1.00-2.00mm» « py 1.00-2.00%», « cpy 1.00%», weakly bleached margins.</li> </ul>				1035	RLC54971	191.71	192.27
								275	RLC54972	192.27	192.91
								260	RLC54973	192.91	193.41
								495	RLC54990	193.41	193.91
								565	RLC54991	193.91	194.39
195	fgr Siliceous Tuff	194.73	201.41	<ul style="list-style-type: none"> <li>« 173.30- 173.69 py vein 15.00-20.00% 20.00» deg TCA</li> <li>« 176.34- 177.72 tr cpy » Bt-alt/Chl alt'd « py 10.00-15.00%» Cngl lense. Increase in sulphides might be due to more muddy/mafic. Fgr.</li> <li>« 181.00- 192.00 py 1.00-3.00%»</li> <li>- Cobble Cngl/arenite</li> <li>- cobble size 3-10cm in dom matrix supported</li> <li>- intrusive dominated cobbles</li> <li>- « tr cpy »</li> <li>- 1-2% mafic clasts (1-2cm), strongly pyritized (5-10%) tourm alt'd</li> <li>- 1-2% angular mafic/umafic frags</li> <li>- trace tourmaline in minor fractures.</li> <li>- Light gray, weakly banded</li> <li>- « py 1.00-2.00%» fgr associated with fractures</li> <li>- « minor tour« minor qtz-vein »</li> <li>- non-mag</li> <li>- « @ 194.73 SO 75.00-65.00° »</li> <li>- variably quartz pheric</li> <li>- 1-3% blue quartz eyes</li> <li>- « py 1.00-2.00%» disseminated in minor veins</li> <li>- msv to weakly foliated</li> <li>- « @ 201.41 gradational UCT ».</li> </ul>				7650	RLC54992	194.39	194.73
								1490	RLC54993	194.73	195.75
								940	RLC54994	195.75	196.7
197.5								220	RLC54995	196.7	197.2
								260	RLC54996	197.2	198.2
								285	RLC54997	198.2	198.7
								470	RLC54998	198.7	199.2
200								245	RLC54999	199.2	200
								440	RLC55000	200	200.6
								360	RLC54001	200.6	201.41
	Diorite	201.41	210.44					35	RLC54002	201.41	202
202.5								90	RLC54003	202	203
								95	RLC54004	203	204
205								30	RLC54007	204	205
								45	RLC54008	205	206
								45	RLC54009	206	207
Scale 1:125				11/05/01			16:30:00				

Hole Name :SB-01-03										
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area	
Start :439741.90,5665185.38,-146.56				End :439746.11,5665173.86,-158.59			Start Depth :206.29		End Depth :223.49	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
207.5	Diorite	201.41	210.44	<ul style="list-style-type: none"> <li>- 1-3% blue quartz eyes</li> <li>- « py 1.00-2.00% » disseminated in minor veins</li> <li>- msv to weakly foliated</li> <li>- « @ 201.41 gradational UCT ».</li> </ul>		45	RLC54009	206	207	
						65	RLC54010	207	208.5	
						90	RLC54011	208.5	210	
210	Fgr - Mafic Tuff	210.44	212.42	<ul style="list-style-type: none"> <li>- fgr, « wk mag »</li> <li>- « py 1.00-2.00% » « wk Bt » alt'd</li> <li>- weakly bedded @76 deg</li> <li>- « @ 212.42 sharp LCT 70.00° ».</li> </ul>		60	RLC54012	210	210.5	
						100	RLC54013	210.5	211.5	
212.5	Chi-Mt Mafic Fragmental	212.42	218.6	<ul style="list-style-type: none"> <li>- « chl 15.00-20.00% », « mt 5.00-10.00% », « py 1.00-3.00% », minor pyrite frags (.5-1cm)</li> <li>- 1% blue quartz eyes</li> <li>- Frags are angular to subrounded alt'd mafic material?</li> <li>- Mt disseminated throughout and in msv frags</li> <li>- Minor milky white quartz veins.</li> <li>- « minor ep » alt'n</li> <li>- « @ 218.60 sharp LCT » - irregular.</li> </ul>		20	RLC54014	211.5	212.35	
						185	RLC54015	212.35	212.6	
215	VCgr - Cobble Conglomerate	218.6	223.38	?		70	RLC54016	212.6	213.6	
						195	RLC54017	216.78	217.28	
						165	RLC54018	217.28	217.75	
217.5	Mafic/Int Tuff/Wacke	223.38	232.17	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- fgr-mgr well bedded</li> <li>- « py 1.00% », fgr disseminated along minor quartz veins</li> <li>- « tr cpy »</li> <li>- finer grained portions are becciated in-situ, Crackle Breccia? Minor quartz / tourm veins in filling breccia v. minor pyrite</li> <li>- « minor Bt » alt'n</li> <li>- « @ 224.38 tr cpy »</li> <li>- « @ 223.38 SO 55.00-65.00° ».</li> </ul>		605	RLC54019	217.75	218.6	
						170	RLC54020	218.6	220	
220	Mafic/Int Tuff/Wacke	223.38	232.17	?		285	RLC54021	220	221.5	
						100	RLC54022	221.5	223	
222.5	Mafic/Int Tuff/Wacke	223.38	232.17	?		235	RLC54023	223	223.38	
						160	RLC54024	223.38	224.17	
Scale 1:125				11/05/01			16:30:01			



Hole Name :SB-01-03												
DIP		-45	Az		165	Hole Length :327.00			NQ Core		Slate Bay Area	
Start :439746.11,5665173.86,-158.59					End :439750.75,5665162.43,-170.57				Start Depth :223.49		End Depth :240.68	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to			
225	Mafic/Int Tuff/Wacke	223.38	232.17	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- fgr-mgr well bedded</li> <li>- « py 1.00% », fgr' disseminated along minor quartz veins</li> <li>- « tr cpy »</li> <li>- finer grained portions are becciated in-situ, Crackle Breccia? Minor quartz / tourm veins in filling breccia v. minor pyrite</li> <li>- « minor Bt » alt'n</li> <li>- « @ 224.38 tr cpy »</li> <li>- « @ 223.38 SO 55.00-65.00° ».</li> </ul>	█	160	RLC54024	223.38	224.17			
						1095	RLC54027	224.17	224.43			
						380	RLC54028	224.43	225.43			
227.5						45	RLC54029	227	228			
						10	RLC54030	228	229			
230					█	375	RLC54031	229	230			
						30	RLC54032	230	230.75			
232.5	Chl-Bt Mt Alt'd Mafic Fragmental	232.17	238	<ul style="list-style-type: none"> <li>- Breccia/cngl</li> <li>- « diss py 5.00-7.00% »</li> <li>- « po 1.00-2.00% »</li> <li>- « cpy 1.00% » - PO-CPY typically associated together</li> <li>- frags are angular to subrounded dominantly siliceous in composition.</li> <li>- sulphides are late disseminated throughout matrix and fragments</li> <li>- minor 1-2% 11-2mm blue quartz eyes</li> <li>- « wk fol 50.00-60.00° » TCA</li> <li>- « 234.68- 234.75 cpy 1.00% », « po 1.00-3.00% », « py 1.00-2.00% »</li> <li>- « @ 232.17 sharp UCT 70.00° », « @ 238.00 sharp LCT 80.00° ».</li> </ul>	█	80	RLC54033	233	233.75			
				65		RLC54034	233.75	234.5				
235						█	55	RLC54035	234.5	235		
							170	RLC54036	235	235.5		
							65	RLC54037	235.5	236		
						165	RLC54038	236	236.5			
						270	RLC54039	236.5	237			
237.5						400	RLC54040	237	237.5			
						335	RLC54041	237.5	238			
240	Fgr/Mgr Felsic Tuff Wacke	238	251.41	<ul style="list-style-type: none"> <li>- Light gray, greyish green</li> <li>- non-strongly « mag » « diss mt » to fine beds of Mt</li> <li>- V minor intrusive pebbles, 1-2% &lt; 1mm blue quartz eyes</li> <li>- 5% fgr, 1-2mm fractures, filled with epidote and associated Hematite staining. Typically @ 60-70 deg TCA. Lesser fractures @ 35-40 TCA</li> <li>- weak bleaching associated with fractures.</li> </ul>	█							

Scale 1:125

11/05/01

16:30:01

Hole Name :SB-01-03										
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area	
Start :439750.75,5665162.43,-170.57				End :439755.36,5665150.99,-182.56			Start Depth :240.68		End Depth :257.87	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
242.5	Fgr/Mgr Felsic Tuff Wacke	238	251.41	<ul style="list-style-type: none"> <li>- Light gray, greyish green</li> <li>- non-strongly « mag » « diss mt » to fine beds of Mt</li> <li>- V minor intrusive pebbles, 1-2% &lt; 1mm blue quartz eyes</li> <li>- 5% fgr, 1-2mm fractures, filled with epidote and associated Hematite staining. Typically @ 60-70 deg TCA. Lesser fractures @ 35-40 TCA</li> <li>- weak bleaching associated with fractures.</li> </ul>						
245										
247.5										
250										
252.5	Mafic Volcanic	251.41	254.83	<ul style="list-style-type: none"> <li>- « wk-str mag », « mt 1.00-5.00% »</li> <li>- msv to « wk foi 70.00 » (S1/SO?)</li> <li>- « py 1.00% »</li> <li>- 1-2% blue quartz eyes</li> <li>- Minor FeFm, tightly folded, associated with 3-5% fg pyrite, FeFm clasts/Frag?? Mt clasts 1-1.5cm diam 1-2%</li> <li>- « chl 5.00-10.00% », « mt 2.00-3.00% »</li> </ul>				35	RLC54042	251.32 252.3
255	Mgr Diorite	254.83	255.91	<ul style="list-style-type: none"> <li>-non-mag, msv weakly fol'd</li> <li>- « py 1.00-2.00% »</li> <li>- « ep 1.00-2.00 » alt'n, minor &lt; 1% hem alt'n</li> <li>- « @ 254.83 sharp UCT », « @ 255.91 sharp LCT »</li> <li>- « mod-str « mod-str mt 5.00-10.00% »</li> <li>- Mt and Chl ***** associated late stage alteration</li> <li>- « chl 25.00-30.00% », « Bt 5.00-10.00% »</li> </ul>						
257.5	Chl-Bt-Mt Altered Mafic Breccia	255.91	260.97	<ul style="list-style-type: none"> <li>- frags are felsic / int in composition, surrounded/angular. Broken up chert material??</li> <li>- « @ 255.91 sharp UCT » with intrusive, « @ 260.97 gradational LCT »</li> <li>- « py 2.00% » disseminated</li> </ul>				75	RLC54043	256 257
Scale 1:125				11/05/01			16:30:01			

Hole Name :SB-01-03													
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area				
Start :439755.36,5665150.99,-182.56				End :439759.54,5665139.47,-194.60			Start Depth :257.87		End Depth :275.06				
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS				
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to		
260	Chi-Bt-Mt Altered Mafic Breccia	255.91	260.97	<ul style="list-style-type: none"> <li>- « mod-str« mod-str mt 5.00-10.00%»</li> <li>- Mt and Chl ***** associated late stage alteration</li> <li>- « chl 25.00-30.00%», « Bt 5.00-10.00%»</li> <li>- frags are felsic / int in composition, surrounded/angular. Broken up chert material??</li> <li>- « @ 255.91 sharp UCT » with intrusive, « @ 260.97 gradational LCT »</li> <li>- « py 2.00%» disseminated</li> </ul>				90	RLC54044	258.5	259.5		
262.5	Chi-Mt-Alt'd Mafic Volcanic	260.97	324.57	<ul style="list-style-type: none"> <li>- Dark green-green</li> <li>- « wk-str mag »</li> <li>- « diss py 1.00-2.00%», « tr cpy »</li> <li>- 1-2% quartz filled hairline fractures, sulphides typically associated with veins, 1-2mm wide.</li> <li>wk/str alt'n associated with veins.</li> <li>- « ep 1.00-4.00» alt'n</li> <li>- « chl 20.00-30.00%» very strong alteration.</li> <li>« 272.28- 272.77 py 5.00-10.00», Heavily sulphide , « Bt » alt'd zone, 3cm wide associated with alt'n. « tr cpy ».</li> <li>« 274.46- 274.72 qtz/carb/sul zone » « py 10.00-15.00%», « cpy 2.00-3.00%», « Bt » associated with margins at veins.</li> <li>« 286.78- 286.81 qtz-carb vein » « py 1.00-2.00%» Strong « Bt » alt'n along margins of vein</li> <li>« 288.18- 288.58 py 3.00-10.00», « cpy 1.00%» Chl B« Bt » alt'n zone</li> <li>« 293.45- 294.10 py 3.00-5.00», « cpy 1.00%», « str chl » « mod Bt », minor BT alt'n</li> <li>« 294.28- 294.32 Qtz vein 65.00°, « py 5.00-8.00%», « cpy 1.00-2.00%», « mt 1.00-2.00%», Mt associated with sulphides</li> <li>« 297.90- 300.00 Mt alt/sil/chl zone », 80% silica, possible silica alt'd umafic? **** MT and MT/CHL alt'n</li> <li>« 320.35- 321.50 zone qtz-carb veins » 5% veins with associated py/cpy and very strong al'n along margins of veins. extends out 5-10mm from veins, up to 75% BT in these sections. « py 5.00-10.00%», « cpy 0.50-1.00%», « wk mag ».</li> <li>« 321.91- 323.50 carb 30.00» zone of intense carb- alt'n. Margins are carb- alt'd and highly « chl » alt'd . « py 2.00-3.00%», « cpy 1.00%».</li> </ul>									
265													
267.5										65	RLC54047	267.75	268.1
270													
272.5										635	RLC54048	272.16	272.78
							250	RLC54049	272.78	273.41			
							380	RLC54050	273.87	274.46			
							1270	63251	274.46	274.72			
275							225	63252	274.72	275.95			
Scale 1:125				11/05/01			16:30:01						

Hole Name : SB-01-03											
DIP	-45	Az	165	Hole Length	:327.00	NQ Core		Slate Bay Area			
Start	:439759.54,5665139.47,-194.60			End	:439763.29,5665127.86,-206.71			Start Depth	:275.06	End Depth	:292.25
D_geol_SB						SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
277.5	Chi-Mt-Alt'd Mafic Volcanic	260.97	324.57	- Dark green-green - « wk-str mag » - « diss py 1.00-2.00% », « tr cpy » - 1-2% quartz filled hairline fractures, sulphides typically associated with veins, 1-2mm wide. wk/str alt'n associated with veins. - « ep 1.00-4.00 » alt'n - « chl 20.00-30.00% » very strong alteration. « 272.28- 272.77 py 5.00-10.00 », Heavily sulphide , « Bt » alt'd zone, 3cm wide associated with alt'n. « tr cpy ». « 274.46- 274.72 qtz/carb/sul zone » « py 10.00-15.00% », « cpy 2.00-3.00% », « Bt » associated with margins at veins. « 286.78- 286.81 qtz-carb vein » « py 1.00-2.00% » Strong « Bt » alt'n along margins of vein « 288.18- 288.58 py 3.00-10.00 », « cpy 1.00% » Chl B « Bt » alt'n zone « 293.45- 294.10 py 3.00-5.00 », « cpy 1.00% », « str chl » « mod Bt », minor BT alt'n « 294.28- 294.32 Qtz vein 65.00° », « py 5.00-8.00% », « cpy 1.00-2.00% », « mt 1.00-2.00% », Mt associated with sulphides « 297.90- 300.00 Mt alt/sil/chl zone », 80% silica, possible silica alt'd umafic? **** MT and MT/CHL alt'n « 320.35- 321.50 zone qtz-carb veins » 5% veins with associated py/cpy and very strong al'n along margins of veins. extends out 5-10mm from veins, up to 75% BT in these sections. « py 5.00-10.00% », « cpy 0.50-1.00% », « wk mag ». « 321.91- 323.50 carb 30.00 » zone of intense carb- alt'n. Margins are carb- alt'd and highly « chl » alt'd. « py 2.00-3.00% », « cpy 1.00% ».							
							225	63252	274.72	275.95	
							245	63253	275.95	277.1	
							215	63254	277.1	278	
							215	63255	278	279	
280											
							190	63256	280.92	281.36	
282.5											
							100	63257	284.27	285.05	
285											
							150	63258	285.8	286.69	
							100	63259	286.69	286.9	
287.5											
							195	63260	286.9	288.18	
							445	63261	288.18	288.8	
							335	63262	288.8	289.05	
							95	63263	289.05	290.08	
290							530	63264	290.08	290.26	

Scale 1:125

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16:30:01



Hole Name : SB-01-03											
DIP	-45	Az	165	Hole Length	:327.00	NQ Core		Slate Bay Area			
Start	:439766.69,5665116.18,-218.86			End	:439770.04,5665104.49,-231.02			Start Depth	:309.44	End Depth	:326.63
D_geol_SB						SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
310	Chl-Mt-Alt'd Mafic Volcanic	260.97	324.57	- Dark green-green - « wk-str mag » - « diss py 1.00-2.00% », « tr cpy » - 1-2% quartz filled hairline fractures, sulphides typically associated with veins, 1-2mm wide. wk/str alt'n associated with veins. - « ep 1.00-4.00 » alt'n - « chl 20.00-30.00% » very strong alteration.			60	63272	309.78	310.6	
312.5				« 272.28- 272.77 py 5.00-10.00 », Heavily sulphide , « Bt » alt'd zone, 3cm wide associated with alt'n. « tr cpy ». « 274.46- 274.72 Qtz/carb/sul zone » « py 10.00-15.00% », « cpy 2.00-3.00% », « Bt » associated with margins at veins. « 286.78- 286.81 Qtz-carb vein » « py 1.00-2.00% » Strong « Bt » alt'n along margins of vein			30	63273	311.05	311.98	
315				« 288.18- 288.58 py 3.00-10.00 », « cpy 1.00% » Chl B « Bt » alt'n zone « 293.45- 294.10 py 3.00-5.00 », « cpy 1.00% », « str chl » « mod Bt », minor BT alt'n « 294.28- 294.32 Qtz vein 65.00° », « py 5.00-8.00% », « cpy 1.00-2.00% », « mt 1.00-2.00% », Mt associated with sulphides « 297.90- 300.00 Mt alt/sil/chl zone », 80% silica, possible silica alt'd umafic? **** MT and MT/CHL alt'n							
317.5				« 320.35- 321.50 zone Qtz-carb veins » 5% veins with associated py/cpy and very strong alt'n along margins of veins. extends out 5-10mm from veins, up to 75% BT in these sections. « py 5.00-10.00% », « cpy 0.50-1.00% », « wk mag ». « 321.91- 323.50 carb 30.00 » zone of intense carb- alt'n. Margins are carb- alt'd and highly « chl » alt'd. « py 2.00-3.00% », « cpy 1.00% ».							
320							640	63274	320.35	321	
							300	63275	321	321.5	
							65	63276	321.5	322	
322.5							55	63277	322	322.91	
							30	63278	322.91	323.5	
							60	63279	323.5	324.57	
325	Iron Formation	324.57	327	- « str mag » - interbedded msv MT/Chert, « py 1.00% » - Heavily « chl » alt'd along bedding cntc's between chert and msv MT, « @ 324.57 SO 55.00-65.00° ».							

Scale 1:125

11/05/01

16:30:02

Hole Name :SB-01-03											
DIP	-45	Az	165	Hole Length :327.00			NQ Core		Slate Bay Area		
Start :439770.04,5665104.49,-231.02				End :439773.39,5665092.81,-243.17			Start Depth :326.63		End Depth :343.82		
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to	
327.5	Iron Formation EOH	324.57 327	327 327	<ul style="list-style-type: none"> <li>- « str mag »</li> <li>- interbedded msv MT/Chert, « py 1.00%»</li> <li>- Heavily « chl » alt'd along bedding cntc's between chert and msv MT, « @ 324.57 SO 55.00-65.00° ».</li> <li>?</li> </ul>							
330											
332.5											
335											
337.5											
340											
342.5											
Scale 1:125				11/05/01			16:30:02				

Hole Name :SB-01-04												
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area			
Start :439705.00,5665165.00,0.00				End :439707.27,5665158.02,-15.54			Start Depth :0.00		End Depth :17.19			
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to	
2.5	Casing	0	5.15	?					1440	360170	0.01	0.02
									5	360006	0.02	0.03
									5	360046	0.02	0.03
									5	360026	0.02	0.03
5	Mafic-dyke	5.15	5.65	?								
	Quartz Arenite - Pebble Cngl	5.65	21.75	« py 1.00%» disseminated locally up to 3-4% diss, mgrd, lots of « tour »? mod qtz-py-tour-cpy veins and hairline veinlets well foliated.								
10								95	63289	9	10	
								35	63290	10	11	
15								50	63291	14.36	15	
								175	63292	15	16	
Scale 1:125				11/05/01			16:30:50					



Hole Name :SB-01-04											
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area		
Start :439707.27,5665158.02,-15.54				End :439709.59,5665150.89,-31.01			Start Depth :17.19		End Depth :34.38		
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to
20	Quartz Arenite - Pebble Cngl	5.65	21.75	« py 1.00% » disseminated locally up to 3-4% diss, mgrd, lots of « tour »? mod qtz-py-tour-cpy veins and hairline veinlets well foliated.				40	63293	18.45	18.55
								20	63294	18.55	19.93
								20	63295	19.93	20.94
								120	63296	20.94	21.06
								35	63297	21.06	21.65
22.5	Mafic Dyke	21.75	24.8	diss « py 3.00-5.00% »							
25	Fgr, Tuff/Dyke??	24.8	28.43	- possible felsic dyke or tuff or siliceous mudstone minor « cpy » rich hairline fractures and py-cpy veins.				40	63299	24.8	25.52
27.5	Coarse Cobble Cngl	28.43	59.24	minor sections of quartz arenite strongly mineralized w cpy+py in veins fractures and disseminations. Short sections (5-20cm) with 3-5%cpy , « cpy 0.50-1.00% » overall. « py 2.00-3.00% » overall, local semi msv pyrite veins 0.5-8cm wide. Py+-cpy+/-tour+/-carb+/-chl veins.				65	63300	27	28
							45	360001	28	29	
							40	360002	29	30	
							45	360003	30	30.6	
							190	360004	30.6	31.1	
30		25	360007	31.1	31.7						
		130	360008	31.7	32.2						
		30	360009	32.2	33						
32.5		35	360010	33	33.75						
		10	360011	33.75	34.42						
Scale 1:125				11/05/01			16:30:50				

Hole Name :SB-01-04											
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area		
Start :439709.59,5665150.89,-31.01				End :439711.95,5665143.61,-46.41			Start Depth :34.38		End Depth :51.57		
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript		Au	Au	Sample	s_from	s_to	
35	Coarse Cobble Cngl	28.43	59.24	minor sections of quartz arenite strongly mineralized w cpy+py in veins fractures and disseminations. Short sections (5-20cm) with 3-5%cpy , « cpy 0.50-1.00%» overall. « py 2.00-3.00%» overall, local semi msv pyrite veins 0.5-8cm wide. Py+-cpy+/-tour+/-carb+/-chl veins.				10	360011	33.75	34.42
								225	360012	34.42	34.76
37.5								15	360013	34.76	36
								45	360014	36	37
40								25	360015	37	38.31
								2000	360016	38.31	38.57
42.5								320	360017	38.57	39.25
								40	360018	39.25	40
45								40	360019	40	40.75
								55	360020	40.75	41.5
47.5								45	360021	41.5	42.25
								15	360022	42.25	43
50								25	360023	43	43.75
								50	360024	43.75	44
								965	360027	44	44.25
								1750	360028	44.25	44.5
								185	360029	44.5	45
								25	360030	45	45.75
								40	360031	45.75	46.5
								120	360032	46.5	47.25
								150	360033	47.25	48
								10	360034	48	49
								10	360035	49	50
								10	360036	50	50.75
								55	360037	50.75	51.15
								20	360038	51.15	51.65

Scale 1:125

11/05/01

16:30:51

Hole Name :SB-01-04											
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area		
Start :439711.95,5665143.61,-46.41				End :439714.35,5665136.20,-61.73			Start Depth :51.57		End Depth :68.76		
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to	
52.5	Coarse Cobble Cngl	28.43	59.24	minor sections of quartz arenite strongly mineralized w cpy+py in veins fractures and disseminations. Short sections (5-20cm) with 3-5%cpy , « cpy 0.50-1.00%» overall. « py 2.00-3.00%» overall, local semi msv pyrite veins 0.5-8cm wide. Py+-cpy+/-tour+/-carb+/-chl veins.				20 15 820 475 535 10 65 70	360038 360039 360040 360041 360042 360043 360044 360047	51.15 51.65 52.4 53 53.6 54 54.42 54.52 55.27	51.65 52.4 53 53.6 54 54.42 55.27
55								10	360048	55.27	56
57.5								10	360049	56	57
								20	360050	57	58
								20	360051	58	59.25
60	Fgr, Tuff/Wacke	59.24	66.17	- fgr non-mag mod-weakly bedded - light grey-grey in color - vfg textures are brecciated in-situ with qtz-tour veinlets along frag margins - « py 1.00-5.00%» minor intervals up to 10% pyrite - « tr cpy », - « @ 59.24 SO 55.00-60.00° » - « @ 59.24 sharp UCT » « @ 66.17 gradational LCT »				60 35 105 215 60	360052 360053 360054 360055 360056	59.25 59.7 60.2 60.5 61.1 61.6	59.7 60.2 60.5 61.1 61.6
62.5								45	360057	61.6	62.5
								215	360058	62.5	63.3
								215	360059	63.3	63.8
								580	360060	63.8	64.1
65								60	360061	64.1	65
67.5	Mgr Trondj	66.17	84.88	- non-mag, msv , light grey-grey - trace « py 1.00%» disseminated - « Bt 3.00-5.00%» - 1% blue quartz eyes - v minor qveins w/ associated bleaching along the margins < 1% have « tour » associated with them.							
								65	360062	68.6	69.6
Scale 1:125				11/05/01			16:30:51				

Hole Name :SB-01-04													
DIP	-65	Az	162	Hole Length	:333.00	NQ Core		Slate Bay Area					
Start	:439714.35,5665136.20,-61.73			End	:439716.68,5665128.75,-77.05			Start Depth	:68.76		End Depth	:85.96	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS			
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to				
70	Mgr Trondj	66.17	84.88	- non-mag, msv , light grey-grey - trace « py 1.00%» disseminated - « Bt 3.00-5.00%» - 1% blue quartz eyes - v minor qveins w/ associated bleaching along the margins < 1% have « tour » associated with them.			65	360062	68.6	69.6			
72.5							80	360063	71.5	72.5			
75													
77.5							100	360064	75.5	76.8			
80													
82.5				- similar to unit above - light gray in color - vfgr tuff layers are weakly brecciated similar to above unit - tuff/wacke 20/80 « qtz-tour vein 1.00% 2.00mm» wide, « py 1.00-2.00%», associated with veinlets - « tr cpy 1.00%». Typically associated with late brittle veinlets (qtz-tourmaline). « @ 84.88 SO 45.00-60.00° « @ 90.25 SO 45.00° » « @ 87.25 SO 60.00° »									
85	Fgr Tuff/Wacke	84.88	92.05	« 87.70- 87.90 bt 15.00-20.00%» strongly BT alt'd interval, « py 2.00-4.00%», « tr cpy« tr chl 3.00-5.00%», gradational UCT/LCT, « wk mag ».			300	360069	85	85.5			
							130	360070	85.5	86.1			
Scale 1:125				11/05/01			16:30:51						

Hole Name :SB-01-04											
DIP	-65	Az	162	Hole Length	:333.00	NQ Core		Slate Bay Area			
Start	:439716.68,5665128.75,-77.05			End	:439718.95,5665121.28,-92.37			Start Depth	:85.96	End Depth	:103.15
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
87.5	Fgr Tuff/Wacke	84.88	92.05	<ul style="list-style-type: none"> <li>- similar to unit above</li> <li>- light gray in color</li> <li>- vfgr tuff layers are weakly brecciated similar to above unit</li> <li>- tuff/wacke 20/80</li> <li>« qtz-tour vein 1.00% 2.00mm » wide, « py 1.00-2.00% », associated with veinlets</li> <li>- « tr cpy 1.00% ». Typically associated with late brittle veinlets (qtz-tourmaline). « @ 84.88 SO 45.00-60.00° « @ 90.25 SO 45.00° » « @ 87.25 SO 60.00° »</li> <li>« 87.70- 87.90 bt 15.00-20.00% » strongly BT alt'd interval, « py 2.00-4.00% », « tr cpy « tr chl 3.00-5.00% », gradational UCT/LCT, « wk mag ».</li> </ul>		130	360070	85.5	86.1		
						30	360067	86.1	87.1		
						25	360068	87.1	88.1		
92.5	Chl-Bt-Mt Alt'd Mafic Frag	92.05	97.82	<ul style="list-style-type: none"> <li>- « 92.05- 97.82 wk-str mag », « mt 1.00-5.00% »</li> <li>- « mod-str Bt 5.00-2 « mod-str chl 5.00-10.00% » alt'n</li> <li>- 1% blue quartz eyes</li> <li>- minor rounded / subrounded pebbles up to 5mm &lt; 1% interval</li> <li>- « diss py 3.00-8.00% », minor intervals of 20-25% pyrite « tr cpy »</li> <li>- 3-5% pyrite filled fractures</li> <li>« 95.35- 95.60 qtz-vein 20.00° 8.00cm » wide, « py 20.00-25.00% », « tr cpy »</li> <li>« @ 92.05 sharp UCT 65.00° », « @ 97.82 gradational LCT » with first app of intrusive cobble.</li> </ul>		390	360071	91.6	92.5		
						870	360072	92.5	93.1		
						950	360073	93.1	93.6		
						1100	360074	93.6	94.1		
						1420	360075	94.1	94.6		
						3130	360076	94.6	95.2		
95						1820	360077	95.2	95.6		
						2950	360078	95.6	96.35		
						1140	360079	96.35	97.5		
97.5	Conglomerate	97.82	102.27	<ul style="list-style-type: none"> <li>- v « wk mag »</li> <li>- cobbles are dominantly intrusive in ***, minor siliceous cobbles/pebbles. Cobbles are 5-10cm in diam</li> <li>- Matrix is fgr-mgr *** wk/mod « Bt 5.00-10.00% » alt'd, « chl 3.00-5.00% »</li> <li>- « py 1.00-3.00% », « tr cpy »</li> <li>- pyrite typically associated with late narrow qtz-tourm veinlets</li> </ul>							
						175	360080	98.55	99.6		
						190	360081	99.6	100.5		
100						65	360082	100.5	101.2		
102.5	Mgr-Cgr Chl Rich Wacke	102.27	108.5	<ul style="list-style-type: none"> <li>- dark green-green</li> <li>- « wk mag »</li> <li>- « ep 2.00-3.00 » alt'n, focused along veins / veinlets</li> <li>- rare intrusive cobbles 5-10cm in diam, Dominantly **** in matrix</li> <li>- rare gndt cobbles/pebbles 2-4cm diam.</li> <li>- Relatively msv in nature, *** no obvious bedding</li> </ul>							

Scale 1:125

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16:30:51

Hole Name :SB-01-04											
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area		
Start :439718.95,5665121.28,-92.37				End :439721.13,5665113.79,-107.69			Start Depth :103.15		End Depth :120.34		
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to	
105	Mgr-Cgr Chl Rich Wacke	102.27	108.5	<ul style="list-style-type: none"> <li>- dark green-green</li> <li>- « wk mag »</li> <li>- « ep 2.00-3.00 » alt'n, focused along veins / veinlets</li> <li>- rare intrusive cobbles 5-10cm in diam, Dominantly **** in matrix</li> <li>- rare gndt cobbles/pebbles 2-4cm diam.</li> <li>- Relatively msv in nature, *** no obvious bedding</li> </ul>							
107.5				<ul style="list-style-type: none"> <li>- similar to above interval</li> <li>- Matrix supported cobbles are dominantly trodj in nature</li> <li>- « Bt 3.00-5.00% », « chl 2.00-4.00% »</li> <li>- « diss py 1.00% »</li> <li>- Rare Mafic cobbles, « tour » altered, 5-10% pyrite</li> </ul>							
110	Cgr Cobble Conglomerate	108.5	111.66	<ul style="list-style-type: none"> <li>- « 108.50- 111.66 qtz-tour-py vein 2.00-3.00% 2.00-5.00mm » wide</li> <li>- v « minor ep » alt'n</li> <li>- Dark greyish green - gray - « wk ser » alt'n along fractures</li> <li>- Msv mod bedded</li> <li>- non-mag</li> <li>- « Bt 5.00-10.00% », « chl 3.00-5.00% » Alt'd</li> <li>- trace « py 1.00% » disseminated</li> <li>- 1-2% blue quartz eyes 2-3mm in diameter</li> <li>- « @ 113.05 SO 45.00° », « @ 115.00 SO 45.00° »</li> </ul>				110	360083	109.25	110.25
112.5	Chl-Bt Alt'd Mgr Wacke	111.66	115.38	<ul style="list-style-type: none"> <li>- « Bt 5.00-10.00% », « chl 25.00-30.00% »</li> <li>- « minor mt 1.00-2.00% », « wk mag »</li> <li>- « py 1.00-3.00% », « tr cpy »</li> <li>- « qtz-vein 2.00-3.00% 1.00-3.00mm » wide, pyrite associated with veins, BT alt'n increases along margins at veins</li> </ul>				35	360084	110.25	111
115	Mafic Volcanic	115.38	216.6	<ul style="list-style-type: none"> <li>- « 115.38- 125.00 carb/qtz vein 2.00-3.00% 1.00-3.00mm » wide veins</li> <li>- 1-1.5cm wide, quartz vein frags in a carb- matrix « tr cpy « tr py 1.00-2.00% » associated with these veins.</li> </ul>				25	360087	111	111.75
117.5				<ul style="list-style-type: none"> <li>- « 148.84- 148.90 qtz vein 90.00° » « wk Bt » alt'd along margins.</li> <li>- « 157.00- 160.47 Bt/Mt zone » alt'n with associated sulphides « py 3.00-5.00% », « tr cpy 1.00% », « mod-str Bt » alt'n</li> <li>- « 168.45- 172.25 mod-str Bt » alt'd zone</li> <li>- « 170.00- 170.32 str Bt » alt'n associated with Brecciated quartz vein, « py 2.00-4.00% », « cpy 1.00% », « mod mt » alt'd</li> <li>- « 181.50- 185.40 mod-str Bt » alt'n, « py 3.00-15.00% », « tr cpy 2.00% », « mod-str mod-str mt 3.00-5.00% », dissem throughout. Minor MS sections, 1-3% euhedral MT? occurs as 'knots' BT - 2-20%.</li> <li>- « 140.02- 140.03 qtz vein » brecciated filled with Carbonate, « py 1.00-3.00% », « tr cpy ».</li> </ul>				145	360127	114.9	115.9
120								320	360088	115.9	116.55
								95	360128	116.55	117.55
								175	360089	119.75	120.25
Scale 1:125				11/05/01			16:30:51				

Hole Name :SB-01-04											
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area		
Start :439721.13,5665113.79,-107.69				End :439723.17,5665106.26,-123.01			Start Depth :120.34		End Depth :137.53		
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to	
122.5	Mafic Volcanic	115.38	216.6	<p>« Bt 5.00-10.00% », « chl 25.00-30.00% »  - « minor mt 1.00-2.00% », « wk mag »  - « py 1.00-3.00% », « tr cpy »  - « qtz-vein 2.00-3.00% 1.00-3.00mm » wide, pyrite associated with veins, BT alt'n increases along margins at veins  -  « 115.38- 125.00 carb/qtz vein 2.00-3.00% 1.00-3.00mm » wide veins 1-1.5cm wide, quartz vein frags in a carb- matrix « tr cpy « tr py 1.00-2.00% » associated with these veins.</p> <p>« 148.84- 148.90 qtz vein 90.00* » « wk Bt » alt'd along margins.  « 157.00- 160.47 Bt/Mt zone » alt'n with associated sulphides « py 3.00-5.00% », « tr cpy 1.00% », « mod-str Bt » alt'n  « 168.45- 172.25 mod-str Bt » alt'd zone  « 170.00- 170.32 str Bt » alt'n associated with Brecciated quartz vein, « py 2.00-4.00% », « cpy 1.00% », « mod mt » alt'd  « 181.50- 185.40 mod-str Bt » alt'n, « py 3.00-15.00% », « tr cpy 2.00% », « mod-str« mod-str mt 3.00-5.00% », dissem throughout. Minor MS sections, 1-3% euhedral MT? occurs as 'knots' BT - 2-20%.  « 140.02- 140.03 qtz vein » brecciated filled with Carbonate, « py 1.00-3.00% », « tr cpy ».</p>							
125											
127.5											
130											
132.5											
135											
137.5											
Scale 1:125				11/05/01			16:30:52				

Hole Name :SB-01-04										
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area	
Start :439723.17,5665106.26,-123.01				End :439724.99,5665098.68,-138.33			Start Depth :137.53		End Depth :154.72	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
140	Mafic Volcanic	115.38	216.6	<p>« Bt 5.00-10.00% », « chl 25.00-30.00% »  - « minor mt 1.00-2.00% », « wk mag »  - « py 1.00-3.00% », « tr cpy »  - « qtz-vein 2.00-3.00% 1.00-3.00mm » wide, pyrite associated with veins, BT alt'n increases along margins at veins  -  « 115.38- 125.00 carb/qtz vein 2.00-3.00% 1.00-3.00mm » wide veins 1-1.5cm wide, quartz vein frags in a carb- matrix « tr cpy « tr py 1.00-2.00% » associated with these veins.</p> <p>« 148.84- 148.90 qtz vein 90.00° » « wk Bt » alt'd along margins.  « 157.00- 160.47 Bt/Mt zone » alt'n with associated sulphides « py 3.00-5.00% », « tr cpy 1.00% », « mod-str Bt » alt'n  « 168.45- 172.25 mod-str Bt » alt'd zone  « 170.00- 170.32 str Bt » alt'n associated with Brecciated quartz vein, « py 2.00-4.00% », « cpy 1.00% », « mod mt » alt'd  « 181.50- 185.40 mod-str Bt » alt'n, « py 3.00-15.00% », « tr cpy 2.00% », « mod-str« mod-str mt 3.00-5.00% », dissem throughout. Minor MS sections, 1-3% euhedral MT? occurs as 'knots' BT - 2-20%.  « 140.02- 140.03 qtz vein » brecciated filled with Carbonate, « py 1.00-3.00% », « tr cpy ».</p>						
142.5										
145										
147.5										
150										
152.5										
Scale 1:125				11/05/01			16:30:52			



Hole Name :SB-01-04										
DIP		Az		Hole Length :333.00			NQ Core		Slate Bay Area	
Start :439724.99,5665098.68,-138.33				End :439726.58,5665091.05,-153.65			Start Depth :154.72		End Depth :171.91	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
157.5	Mafic Volcanic	115.38	216.6	« Bt 5.00-10.00% », « chl 25.00-30.00% » - « minor mt 1.00-2.00% », « wk mag » - « py 1.00-3.00% », « tr cpy » - « qtz-vein 2.00-3.00% 1.00-3.00mm » wide, pyrite associated with veins, BT alt'n increases along margins at veins - « 115.38- 125.00 carb/qtz vein 2.00-3.00% 1.00-3.00mm » wide veins 1-1.5cm wide, quartz vein frags in a carb- matrix « tr cpy « tr py 1.00-2.00% » associated with these veins.			345	360129	157	158
							1005	360131	158	158.85
160				« 148.84- 148.90 qtz vein 90.00* » « wk Bt » alt'd along margins. « 157.00- 160.47 Bt/Mt zone » alt'n with associated sulphides « py 3.00-5.00% », « tr cpy 1.00% », « mod-str Bt » alt'n « 168.45- 172.25 mod-str Bt » alt'd zone « 170.00- 170.32 str Bt » alt'n associated with Brecciated quartz vein, py 2.00-4.00% », « cpy 1.00% », « mod mt » alt'd « 181.50- 185.40 mod-str Bt » alt'n, « py 3.00-15.00% », « tr cpy 2.00% », « mod-str « mod-str mt 3.00-5.00% », dissem throughout. Minor MS sections, 1-3% euhedral MT? occurs as 'knots' BT - 2-20%. « 140.02- 140.03 qtz vein » brecciated filled with Carbonate, « py 1.00-3.00% », « tr cpy ».			145	360132	158.85	159.85
							470	360133	159.85	160.85
162.5										
165										
167.5										
							235	360134	168.45	169.45
170							210	360135	169.45	170.1
							655	360136	170.1	170.4
							225	360137	170.4	171

Scale 1:125

11/05/01

16:30:52

Hole Name :SB-01-04											
DIP	-65	Az	162	Hole Length	:333.00	NQ Core		Slate Bay Area			
Start	:439726.58,5665091.05,-153.65			End	:439727.98,5665083.36,-168.97		Start Depth	:171.91		End Depth	:189.10
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
172.5	Mafic Volcanic	115.38	216.6	« Bt 5.00-10.00% » , « chl 25.00-30.00% » - « minor mt 1.00-2.00% » , « wk mag » - « py 1.00-3.00% » , « tr cpy » - « qtz-vein 2.00-3.00% 1.00-3.00mm » wide, pyrite associated with veins, BT alt'n increases along margins at veins							
175				« 115.38- 125.00 carb/qtz vein 2.00-3.00% 1.00-3.00mm » wide veins 1-1.5cm wide, quartz vein frags in a carb- matrix « tr cpy « tr py 1.00-2.00% » associated with these veins.							
177.5				« 148.84- 148.90 qtz vein 90.00° » « wk Bt » alt'd along margins. « 157.00- 160.47 Bt/Mt zone » alt'n with associated sulphides « py 3.00-5.00% » , « tr cpy 1.00% » , « mod-str Bt » alt'n « 168.45- 172.25 mod-str Bt » alt'd zone « 170.00- 170.32 str Bt » alt'n associated with Brecciated quartz vein, « py 2.00-4.00% » , « cpy 1.00% » , « mod mt » alt'd « 181.50- 185.40 mod-str Bt » alt'n, « py 3.00-15.00% » , « tr cpy 2.00% » , « mod-str « mod-str mt 3.00-5.00% » , dissem throughout. Minor MS sections, 1-3% euhedral MT? occurs as 'knots' BT - 2-20%.							
180				« 140.02- 140.03 qtz vein » brecciated filled with Carbonate, « py 1.00-3.00% » , « tr cpy » .							
182.5								270	360138	181.75	182.1
								70	360139	182.1	183.1
								950	360140	183.1	183.9
								5650	360141	183.9	184.65
185								1190	360142	184.65	185.4
187.5											
Scale 1:125				11/05/01			16:30:52				

Hole Name :SB-01-04											
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area		
Start :439727.98,5665083.36,-168.97				End :439729.34,5665075.61,-184.25			Start Depth :189.10		End Depth :206.29		
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to	
190	Mafic Volcanic	115.38	216.6	<p>« Bt 5.00-10.00% », « chl 25.00-30.00% »  - « minor mt 1.00-2.00% », « wk mag »  - « py 1.00-3.00% », « tr cpy »  - « qtz-vein 2.00-3.00% 1.00-3.00mm » wide, pyrite associated with veins, BT alt'n increases along margins at veins  -  « 115.38- 125.00 carb/qtz vein 2.00-3.00% 1.00-3.00mm » wide veins 1-1.5cm wide, quartz vein frags in a carb- matrix « tr cpy « tr py 1.00-2.00% » associated with these veins.</p> <p>« 148.84- 148.90 qtz vein 90.00° » « wk Bt » alt'd along margins.  « 157.00- 160.47 Bt/Mt zone » alt'n with associated sulphides « py 3.00-5.00% », « tr cpy 1.00% », « mod-str Bt » alt'n  « 168.45- 172.25 mod-str Bt » alt'd zone  « 170.00- 170.32 str Bt » alt'n associated with Brecciated quartz vein, x py 2.00-4.00% », « cpy 1.00% », « mod mt » alt'd  « 181.50- 185.40 mod-str Bt » alt'n, « py 3.00-15.00% », « tr cpy 2.00% », « mod-str« mod-str mt 3.00-5.00% », dissem throughout. Minor MS sections, 1-3% euhedral MT? occurs as 'knots' BT - 2-20%.  « 140.02- 140.03 qtz vein » brecciated filled with Carbonate, « py 1.00-3.00% », « tr cpy ».</p>							
192.5											
195											
197.5											
200											
202.5											
205											
Scale 1:125				11/05/01			16:30:52				

Hole Name :SB-01-04												
DIP	-65	Az	162	Hole Length	:333.00	NQ Core		Slate Bay Area				
Start	:439729.34,5665075.61,-184.25			End	:439730.73,5665067.77,-199.49		Start Depth	:206.29		End Depth	:223.49	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to			
207.5	Mafic Volcanic	115.38	216.6	<p>« Bt 5.00-10.00% », « chl 25.00-30.00% »            - « minor mt 1.00-2.00% », « wk mag »            - « py 1.00-3.00% », « tr cpy »            - « qtz-vein 2.00-3.00% 1.00-3.00mm » wide, pyrite associated with veins, BT alt'n increases along margins at veins</p> <p>-            « 115.38- 125.00 carb/qtz vein 2.00-3.00% 1.00-3.00mm » wide veins 1-1.5cm wide, quartz vein frags in a carb- matrix « tr cpy « tr py 1.00-2.00% » associated with these veins.</p> <p>« 148.84- 148.90 qtz vein 90.00° » « wk Bt » alt'd along margins.            « 157.00- 160.47 Bt/Mt zone » alt'n with associated sulphides « py 3.00-5.00% », « tr cpy 1.00% », « mod-str Bt » alt'n            « 168.45- 172.25 mod-str Bt » alt'd zone            « 170.00- 170.32 str Bt » alt'n associated with Brecciated quartz vein, « py 2.00-4.00% », « cpy 1.00% », « mod mt » alt'd            « 181.50- 185.40 mod-str Bt » alt'n, « py 3.00-15.00% », « tr cpy 2.00% », « mod-str « mod-str mt 3.00-5.00% », dissem throughout. Minor MS sections, 1-3% euhedral MT? occurs as 'knots' BT - 2-20%.            « 140.02- 140.03 qtz vein » brecciated filled with Carbonate, « py 1.00-3.00% », « tr cpy ».</p>								
210												
212.5												
215												
217.5	Interbedded Mafic/Fe Formation	216.6	237	<p>- Mafics are wk-str « Bt » altered, Bt            - « chl 10.00-20.00% »            - « py 1.00-15.00% » variably disseminated - Highes sulphides are in zone of brecciated FeFm/Mafic interbeds            - « tr cpy »            - « tr ep 1.00 » alt'n            *- FeFm is variably brecciated to well bedded and unbrecciated            - « str mag » with « mt 10.00-40.00% ». Msv beds of MT interlayered with chert            - Minor sulph( py- 2-3%, trace CPY) associated ed with well banded Fe« B 5.00-25.00%« chl 10.00-20.00% ».</p> <p>« 217.70- 217.90 py 3.00-10.00% », « tr cpy », chl-alt'd mafics</p> <p>« 220.71- 221.30 py 5.00-10.00% », Interlayered chert/Alt'd Mafic, « tr cpy 1.00% », Brecciated and banded chert/mafic (60-40)            - Chert banding @ 58 deg TCA</p> <p>224.30 - 229 Well banded chert/Mt FeFm banding variable @ 70 to 20 deg.            « @ 225.00 SO 70.00° », « @ 226.00 SO 45.00° », « @ 228.00 SO 20.00° ».</p>			20	360143	216.6	217.6		
							335	360144	217.6	218.1		
							45	360145	218.1	218.6		
							95	360146	218.6	219.6		
							55	360147	219.6	220.6		
							465	360148	220.6	221.3		
							885	360149	221.3	222.3		
							60	360151	222.3	223.3		
							55	360152	223.3	224.3		
Scale 1:125				11/05/01			16:30:52					

Hole Name :SB-01-04											
DIP	-65	Az	162	Hole Length :333.00	NQ Core			Slate Bay Area			
Start :439730.73,5665067.77,-199.49				End :439732.12,5665059.86,-214.68			Start Depth :223.49		End Depth :240.68		
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript		Au	Au	Sample	s_from	s_to	
225	Interbedded Mafic/Fe Formation	216.6	237	- Mafics are wk-str « Bt » altered, Bt - « chl 10.00-20.00% » - « py 1.00-15.00% » variably disseminated - Highes sulphides are in zone of brecciated FeFm/Mafic interbeds - « tr cpy » - « tr ep 1.00 » alt'n *- FeFm is variably brecciated to well bedded and unbrecciated - « str mag » with « mt 10.00-40.00% ». Msv beds of MT interlayered with chert - Minor sulph( py- 2-3%, trace CPY) associated ed with well banded Fe« B 5.00-25.00%« chl 10.00-20.00% ».  « 217.70- 217.90 py 3.00-10.00% », « tr cpy », chl-alt'd mafics  « 220.71- 221.30 py 5.00-10.00 », Interlayered chert/Alt'd Mafic, « tr cpy 1.00% », Brecciated and banded chert/mafic (60-40) - Chert banding @ 58 deg TCA  224.30 - 229 Well banded chert/Mt FeFm banding variable @ 70 to 20 deg. ( @ 225.00 SO 70.00° ), ( @ 226.00 SO 45.00° ), ( @ 228.00 SO 20.00° ).							
						55	360152	223.3	224.3		
						130	360153	224.3	225.3		
						100	360154	225.3	226.3		
						125	360155	226.3	227.3		
						70	360156	227.3	228.3		
						55	360157	228.3	228.85		
						20	360158	228.85	229.55		
						75	360159	229.55	230.5		
						75	360160	230.5	231.5		
232.5											
					125	360161	231.5	232.5			
					60	360162	232.5	233.5			
235											
					45	360163	233.5	234.5			
					90	360164	234.5	235.5			
237.5	Mod Str Talc Alt'd Ultramafic	237	243.18	- « 237.00- 243.18 mod-str mag », mod-str talc alt'd (10-20%) - « tr py 1.00% » diss - 1% chromite  « 242.47- 243.18 wk mag » Spinifex textured umfaci, spinifex up to 3cm long, 3mm wide.							
						70	360165	235.5	236.5		
240											
15	360166	236.5	237								

Hole Name :SB-01-04												
DIP		-65	Az		162	Hole Length :333.00			NQ Core		Slate Bay Area	
Start :439732.12,5665059.86,-214.68					End :439733.52,5665051.94,-229.88				Start Depth :240.68		End Depth :257.87	
D_geol_SB								SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to			
242.5	Mod Str Talc Alt'd Ultramafic	237	243.18	- « 237.00- 243.18 mod-str mag », mod-str talc alt'd (10-20%) - « tr py 1.00%» dlss - 1% chromite								
245	Pyritic Intrusive-Trondj	243.18	282.94	« 242.47- 243.18 wk mag » Spinifex textured umfaci, spinifex up to 3cm long, 3mm wide. Light grey-grey, non-mag - « diss py 1.00-2.00%» - plag porph 1-3mm diam - 2-3% blue quartz eyes - msv to « wk fol » - 1-2% of interval has minor fractures with « ser » alt'n along margins. Note pyrite typically increases to 3% near sericite alt'd zones. - v minor (<1%) milky quartz veins < @ 267.40 milky qtz-vein 70.00° > < @ 267.40 ser alt'd fracture 20.00° > , « 269.30- 269.55 fault » 1.5cm wide quartz filled @ 20 deg TCA, Bleaching along margins minor mud gouge associated with it. « tr cpy ». « 273.82- 274.05 chl gouge fault 18.00° » 5mm wide chl-filled gouge fault. 2cm either side of fault is strongly sericite alt'd. sharp < @ 282.94 LCT 20.00° > .		60	360167	243.18	244.2			
						80	360168	244.2	245.2			
						130	360169	245.2	246.2			
247.5												
250												
252.5												
255												
257.5												
Scale 1:125					11/05/01			16:30:53				

Hole Name :SB-01-04														
DIP		-65		Az		162		Hole Length :333.00			NQ Core		Slate Bay Area	
Start :439733.52,5665051.94,-229.88					End :439734.90,5665044.08,-245.10					Start Depth :257.87		End Depth :275.06		
D_geol_SB								SAMPASS	SAMPASS	SAMPASS	SAMPASS			
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to					
260	Pyritic Intrusive-Trondj	243.18	282.94	Light grey-grey, non-mag - « diss py 1.00-2.00% » - plag porph 1-3mm diam - 2-3% blue quartz eyes - msv to « wk fol » - 1-2% of interval has minor fractures with « ser » alt'n along margins. Note pyrite typically increases to 3% near sericite alt'd zones. - v minor (<1%) milky quartz veins < @ 267.40 milky qtz-vein 70.00° > < @ 267.40 ser alt'd fracture 20.00° > , « 269.30- 269.55 fault » 1.5cm wide quartz filled @ 20 deg TCA, Bleaching along margins minor mud gouge associated with it. « tr cpy ». « 273.82- 274.05 chl gouge fault 18.00° » 5mm wide chl-filled gouge fault. 2cm either side of fault is strongly sericite alt'd. sharp < @ 282.94 LCT 20.00° > .										
262.5								180	360171	260.7	261.7			
265														
267.5														
270														
272.5														
275								230	360172	275	276			
Scale 1:125					11/05/01			16:30:53						

Hole Name :SB-01-04										
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area	
Start :439734.90,5665044.08,-245.10				End :439736.28,5665036.27,-260.36			Start Depth :275.06		End Depth :292.25	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
277.5	Pyritic Intrusive-Trondj	243.18	282.94	<p>Light grey-grey, non-mag</p> <ul style="list-style-type: none"> <li>- « diss py 1.00-2.00%»</li> <li>- plag porph 1-3mm diam</li> <li>- 2-3% blue quartz eyes</li> <li>- msv to « wk fol »</li> <li>- 1-2% of interval has minor fractures with « ser » alt'n along margins. Note pyrite typically increases to 3% near sericite alt'd zones.</li> <li>- v minor (&lt;1%) milky quartz veins</li> <li>« @ 267.40 milky qtz-vein 70.00° » « @ 267.40 ser alt'd fracture 20.00° », « 269.30- 269.55 fault » 1.5cm wide quartz filled @ 20 deg TCA, Bleaching along margins minor mud gouge associated with it. « tr cpy ».</li> <li>« 273.82- 274.05 chl gouge fault 18.00° » 5mm wide chl-filled gouge fault. 2cm either side of fault is strongly sericite alt'd. sharp « @ 282.94 LCT 20.00° ».</li> </ul>				230	360172	275 276
282.5	285	282.94	299.47	<p>« mod-str mag »</p> <ul style="list-style-type: none"> <li>- mod-str talc alt'd « talc 10.00-20.00%»</li> <li>- msv to « wk fol »</li> <li>- 1-3% fuchsite alt'n along fractures</li> <li>- msv talcose sections interlayered with less talcose alt'd/** app.</li> <li>- « tr py » very rare « cpy »</li> <li>- Minor high strain zones/faults? 1-3cm wide</li> </ul> <p>« 282.94- 283.30 Bt 20.00-30.00» Cntc with intrusive, strongly biotite alt'd, « chl 10.00-15.00%» (is it fuchsite?) « py 1.00-2.00%» « mod fol 50.00°».</p> <p>« 283.68- 283.95 Fault zone » Rubbly talc rich, « py 1.00-2.00%» along slip planes &lt; unknown due to rubbly app.« @ 284.87 magnesite? vein 60.00° 5.00mm » with 1% pyrite, trace CPY in vein.</p> <p>« 297.30- 297.85 Fault 18.00° 1.00cm » « tr py 1.00%», Qvein along fault weak fuchsite alt'n associated with fault.</p> <p>« 298.22- 298.74 Fault 15.00° 1.00cm » « tr py 1.00%», wk fol'n along fault margins.</p> <p>« @ 299.47 sharp LCT 45.00° », last 5cm strongly foliated @ 45 deg.</p>						
287.5	290									
Scale 1:125				11/05/01			16:30:53			



Hole Name :SB-01-04											
DIP	-65	Az	162	Hole Length	:333.00	NQ Core		Slate Bay Area			
Start	:439736.28,5665036.27,-260.36			End	:439737.65,5665028.53,-275.64			Start Depth	:292.25	End Depth	:309.44
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
295	Variably Talc Alt'd Ultramafic	282.94	299.47	<ul style="list-style-type: none"> <li>« mod-str mag »</li> <li>- mod-str talc alt'd « talc 10.00-20.00%»</li> <li>- msv to « wk fol »</li> <li>- 1-3% fuchsite alt'n along fractures</li> <li>- msv talcose sections interlayered with less talcose alt'd/** app.</li> <li>- « tr py » very rare « cpy »</li> <li>- Minor high strain zones/faults? 1-3cm wide</li> </ul>							
297.5				<ul style="list-style-type: none"> <li>« 282.94- 283.30 Bt 20.00-30.00» Cntc with intrusive, strongly biotite alt'd, « chl 10.00-15.00%» (is it fuchsite?) « py 1.00-2.00%» « mod fol 50.00%».</li> <li>« 283.68- 283.95 Fault zone » Rubbly talc rich, « py 1.00-2.00%» along slip planes &lt; unknown due to rubbly app.&lt; @ 284.87 magnesite? vein 60.00° 5.00mm &gt; with 1% pyrite, trace CPY in vein.</li> <li>« 297.30- 297.85 Fault 18.00° 1.00cm» « tr py 1.00%», Qvein along fault weak fuchsite alt'n associated with fault.</li> <li>« 298.22- 298.74 Fault 15.00° 1.00cm» « tr py 1.00%», wk fol'n along fault margins.</li> <li>« @ 299.47 sharp LCT 45.00° », last 5cm strongly foliated @ 45 deg.</li> </ul>							
300	Bt Alt'd Vfg Mafic Dyke	299.47	300								
	Variably Talc Alt'd Ultramafic	300	306.28	<ul style="list-style-type: none"> <li>« 299.47- 300.00 Bt 50.00-60.00%», non-mag</li> <li>- « mod-str fol »</li> <li>- cntc sharp @ 45 deg.</li> <li>As above</li> </ul>							
302.5				<ul style="list-style-type: none"> <li>« 300.00- 306.28 talc 10.00-20.00%»</li> </ul>							
305				<ul style="list-style-type: none"> <li>« 300.50- 301.22 Fault 12.00° » « str fol », with 1 cm of fault. « tr py 1.00%».</li> <li>« 302.32- 302.94 Fault 15.00° » « tr py 1.00%», 5-10% deep red, specular hematite. disseminated throughout, within vein and along margins. Qvein within fit boundaries.</li> </ul>							
307.5	Weakly Talc Alt'd Ultramafic	306.28	320.59	<ul style="list-style-type: none"> <li>« 306.28- 320.59 mod-str mag »</li> <li>- wk talc altered approx 5%</li> <li>- « tr py »</li> <li>- msv in app</li> <li>- tr fuchsite alt'd</li> </ul>							
Scale 1:125				11/05/01			16:30:53				

Hole Name :SB-01-04										
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area	
Start :439737.65,5665028.53,-275.64				End :439739.00,5665020.83,-290.96			Start Depth :309.44		End Depth :326.63	
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
310	Weakly Talc Alt'd Ultramafic	306.28	320.59	<ul style="list-style-type: none"> <li>- « 306.28- 320.59 mod-str mag »</li> <li>- wk talc altered approx 5%</li> <li>- « tr py »</li> <li>- msv in app</li> <li>- tr fuchsite alt'd</li> </ul>				5	360174	310 311
312.5										
315										
317.5										
320										
322.5	Ultramafic	320.59	333	<ul style="list-style-type: none"> <li>- « mod-str mag »</li> <li>- msv in app</li> <li>- &lt;2% hairline fractures</li> <li>- cgr *** texture (cummulate texture?)</li> <li>- rare fuchsite fractures.</li> </ul>						
325								35	360175	325 326
Scale 1:125				11/05/01			16:30:53			

Hole Name :SB-01-04										
DIP	-65	Az	162	Hole Length :333.00			NQ Core		Slate Bay Area	
Start :439739.00,5665020.83,-290.96				End :439740.36,5665013.14,-306.27			Start Depth :326.63		End Depth :343.82	
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
327.5	Ultramafic	320.59	333	<ul style="list-style-type: none"> <li>- « mod-str mag »</li> <li>- msv in app</li> <li>- &lt;2% hairline fractures</li> <li>- cgr *** texture (cummulate texture?)</li> <li>- rare fuchsite fractures.</li> </ul>						
330										
332.5	EOH	333	333	?						
335										
337.5										
340										
342.5										
Scale 1:125				11/05/01			16:30:53			

Hole Name :SB-01-05										
DIP	-65	Az	161	Hole Length :276.00		NQ Core		Slate Bay Area		
Start :439659.00,5665151.00,0.00				End :439661.43,5665144.11,-15.56			Start Depth :0.00		End Depth :17.19	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
2.5	Casing	0	6.6	?			1345	360295	0.01	0.02
							1325	360270	0.01	0.02
7.5	Cobble Conglomerate	6.6	39.75	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- cobble 5-10cm in diam</li> <li>- « py 1.00-4.00%»</li> <li>- « tr cpy 1.00%»</li> <li>- Cobbles are dominantly intrusive in nature</li> <li>- « tour 1.00-2.00%» / « qtz-vein » throughout</li> <li>- overall similar to other sections seen in previous holes.</li> </ul>			1315	360345	0.01	0.02
							1315	360320	0.01	0.02
							1335	360370	0.01	0.02
							10	360268	6.55	7.5
							5	360269	7.5	8.5
12.5							5	360271	8.5	9.5
							30	360272	9.5	10.5
							40	360273	10.5	11.5
15							10	360274	11.5	12.5
							5	360275	12.5	13.5
							5	360276	13.5	14.5
							5	360277	14.5	15.5
							5	360278	15.5	16.5
							5	360279	16.5	17.5

Scale 1:125

11/05/01

16:31:19

Hole Name :SB-01-05										
DIP	-65	Az	161	Hole Length :276.00	NQ Core	Slate Bay Area				
Start :439661.43,5665144.11,-15.56				End :439663.99,5665137.19,-31.09		Start Depth :17.19		End Depth :34.38		
D_geol_SB					SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
20  22.5  25  27.5  30  32.5	Cobble Conglomerate	6.6	39.75	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- cobble 5-10cm in diam</li> <li>- « py 1.00-4.00%»</li> <li>- « tr cpy 1.00%»</li> <li>- Cobbles are dominantly intrusive in nature</li> <li>- « tour 1.00-2.00%» / « qtz-vein » throughout</li> <li>- overall similar to other sections seen in previous holes.</li> </ul>			5	360279	16.5	17.5
							40	360280	17.5	18.5
							5	360281	18.5	19.5
							130	360282	19.5	20.5
							10	360283	20.5	21.5
							5	360284	21.5	22.5
							5	360285	22.5	23.5
							5	360286	23.5	24.5
							5	360287	24.5	25.5
							5	360288	25.5	26.5
							10	360289	26.5	27.5
							5	360290	27.5	28.5
							5	360291	28.5	29.5
							75	360292	29.5	30.5
							390	360293	30.5	31.5
							20	360294	31.5	32.5
							20	360296	32.5	33.5
							30	360297	33.5	34.5
Scale 1:125				11/05/01		16:31:19				

Hole Name :SB-01-05										
DIP	-65	Az	161	Hole Length :276.00			NQ Core		Slate Bay Area	
Start :439663.99,5665137.19,-31.09				End :439666.69,5665130.24,-46.58			Start Depth :34.38		End Depth :51.57	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript		Au	Au	Sample	s_from	s_to
35	Cobble Conglomerate	6.6	39.75	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- cobble 5-10cm in diam</li> <li>- « py 1.00-4.00% »</li> <li>- « tr cpy 1.00% »</li> <li>- Cobbles are dominantly intrusive in nature</li> <li>- « tour 1.00-2.00% » / « qtz-vein » throughout</li> <li>- overall similar to other sections seen in previous holes.</li> </ul>			30	360297	33.5	34.5
						5	360298	34.5	35.5	
						5	360299	35.5	36.5	
37.5						5	360300	36.5	37.5	
						110	360301	37.5	38.5	
						155	360302	38.5	39.4	
40	Plag Porphyritic-Bt-Tro	39.75	66.08	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- « py 1.00-4.00% » disseminated « tr cpy »</li> <li>- plag porphyritic</li> <li>- massive in app</li> </ul>			45	360303	39.4	40.1
						15	360304	40.1	40.75	
						35	360305	40.75	41.75	
42.5						45	360306	41.75	42.75	
45										
47.5										
50										
Scale 1:125				11/05/01			16:31:19			

Hole Name :SB-01-05											
DIP	-65	Az	161	Hole Length :276.00			NQ Core		Slate Bay Area		
Start :439666.69,5665130.24,-46.58				End :439669.49,5665123.25,-62.03			Start Depth :51.57		End Depth :68.76		
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to
52.5	Plag Porphyritic-Bt-Tro	39.75	66.08	- non-mag - « py 1.00-4.00% » disseminated « tr cpy » - plag porphyritic - massive in app							
55											
57.5											
60											
62.5								15	360307	62	63
								5	360308	63	64
65								20	360309	64	65
								10	360310	65	66
67.5	Fgr Wacke/Tuff	66.08	68.4	- non-mag - « 66.08- 68.40 tr py » - msv in app - « wk ser »							
	Plag porphyritic-Bt-Tro	68.4	80	- as above							

Scale 1:125

11/05/01

16:31:19

Hole Name :SB-01-05													
DIP		Az		161			Hole Length :276.00			NQ Core		Slate Bay Area	
Start :439669.49,5665123.25,-62.03				End :439672.32,5665116.27,-77.49				Start Depth :68.76		End Depth :85.96			
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS			
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to		
70	Plag porphyritic-Bt-Tro	68.4	80	- as above									
72.5													
75													
77.5								50	360311	76	77		
								50	360312	77	78		
								75	360313	78	79		
80	Vfg Tuff/Wacke	80	98	- non-mag - « py 1.00-4.00% » - « qtz-tour vein 1.00-2.00% 1.00-2.00mm » ( also CHL filled fractures ) - « tr cpy » - « mod ser » alt'd.				200	360314	79	80		
								50	360315	80	81		
82.5								20	360316	81	82		
								1100	360317	82	83		
								65	360318	83	84		
85								50	360319	84	85		
								95	360321	85	86		
Scale 1:125				11/05/01				16:31:20					



Hole Name :SB-01-05												
DIP		Az		161		Hole Length :276.00		NQ Core		Slate Bay Area		
Start :439672.32,5665116.27,-77.49				End :439675.14,5665109.28,-92.94				Start Depth :85.96		End Depth :103.15		
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to	
87.5          90          92.5          95          97.5	Vfg Tuff/Wacke	80	98	<ul style="list-style-type: none"> <li>- non-mag</li> <li>- « py 1.00-4.00%»</li> <li>- « qtz-tour vein 1.00-2.00% 1.00-2.00mm» ( also CHL filled fractures)</li> <li>- « tr cpy »</li> <li>- « mod ser » alt'd.</li> </ul>			[REDACTED]	[REDACTED]	95	360321	85	86
									785	360322	86	87
									205	360323	87	88
									65	360324	88	89
									50	360325	89	90
									115	360326	90	91
									55	360327	91	92
									205	360328	92	93
									345	360329	93	94
									25	360330	94	95
95          97.5          100          102.5	Tuff/Sediment	98	100.62	<p>?</p> <ul style="list-style-type: none"> <li>- non- « wk mag », « tr mt 1.00%» disse</li> <li>- « tr py 2.00%» disseminated</li> <li>- « tr cpy »</li> <li>- « wk fol 50.00°» TCA</li> <li>- minor dark gray « qtz-vein 0.50% 3.00cm» typically at 70-80deg TCA.</li> </ul>			[REDACTED]	[REDACTED]	205	360331	95	95.5
									25	360332	95.5	96.1
									20	360333	96.1	96.7
									30	360334	96.7	97.62
									50	360335	97.62	98.6
									85	360336	98.6	99.6
									30	360337	99.6	100.5
100          102.5	Chi-Mt Alt'd Mafic Volcanic	100.62	157.35	<ul style="list-style-type: none"> <li>« 141.36- 141.65 qtz vein 30.00° 8.00mm» wide « py 5.00-8.00%», « B</li> <li>1.00-3.00%», « tr cpy 1.00%», vein at 30 deg TCA</li> <li>« 142.00- 142.27 qtz/py vein 25.00° 1.00cm» wide « py 3.00%» in vein</li> <li>« cpy 1.00-2.00%», « Bt » alt'd along vein margin. vein at 25 deg TCA</li> <li>« 148.68- 149.08 Bt 3.00-8.00%» BT altered interval</li> <li>- « tr po « tr cpy 1.00% « tr py », minor qvein frags.</li> </ul>			[REDACTED]	[REDACTED]	55	360338	100.5	101.5
									20	360339	101.5	102.5
									30	360340	102.5	103.5
Scale 1:125				11/05/01				16:31:20				

Hole Name :SB-01-05														
DIP	-65	Az	161	Hole Length	:276.00	NQ Core		Slate Bay Area						
Start				:439675.14,5665109.28,-92.94	End		:439677.96,5665102.29,-108.39	Start Depth		:103.15				
					End Depth		:120.34							
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS					
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to					
105	Chi-Mt Alt'd Mafic Volcanic	100.62	157.35	- non- « wk mag », « tr mt 1.00% » dissem - « tr py 2.00% » disseminated - « tr cpy » - « wk fol 50.00° » TCA - minor dark gray « qtz-vein 0.50% 3.00cm » typically at 70-80deg TCA.  « 141.36- 141.65 qtz vein 30.00° 8.00mm » wide « py 5.00-8.00% », « Bt 1.00-3.00% », « tr cpy 1.00% », vein at 30 deg TCA « 142.00- 142.27 qtz/py vein 25.00° 1.00cm » wide « py 3.00% » in vein « cpy 1.00-2.00% », « Bt » alt'd along vein margin. vein at 25 deg TCA « 148.68- 149.08 Bt 3.00-8.00% » BT altered interval - « tr po « tr cpy 1.00% « tr py », minor qvein frags.			30	360340	102.5	103.5				
											15	360341	103.5	104.5
											5	360342	104.5	105.5
											20	360343	105.5	106.5
107.5											20	360344	106.5	107.5
											5	360346	107.5	108.5
											55	360347	108.5	109.5
110											35	360348	109.5	110.5
											30	360349	110.5	111.5
112.5											30	360350	111.5	112.5
											25	360351	112.5	113.5
											30	360352	113.5	114.5
115											30	360353	114.5	115.5
											170	360354	115.5	116.5
117.5											125	360355	116.5	117.5
							25	360356	117.5	118.5				
							15	360357	118.5	119.5				
120							15	360358	119.5	120.5				

Hole Name :SB-01-05									
DIP	-65	Az	161	Hole Length :276.00		NQ Core		Slate Bay Area	
Start :439677.96,5665102.29,-108.39		End :439680.67,5665095.22,-123.83		Start Depth :120.34		End Depth :137.53			
D_geol_SB		SAMPASS		SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to
122.5	Chl-Mt Alt'd Mafic Volcanic	100.62	157.35	<ul style="list-style-type: none"> <li>- non- « wk mag », « tr mt 1.00%» dissem</li> <li>- « tr py 2.00%» disseminated</li> <li>- « tr cpy »</li> <li>- « wk fol 50.00°» TCA</li> <li>- minor dark gray « qtz-vein 0.50% 3.00cm» typically at 70-80deg TCA.</li> <li>« 141.36- 141.65 qtz vein 30.00° 8.00mm» wide « py 5.00-8.00%», « Bt 1.00-3.00%», « tr cpy 1.00%», vein at 30 deg TCA</li> <li>« 142.00- 142.27 qtz/py vein 25.00° 1.00cm» wide « py 3.00%» in vein</li> <li>« cpy 1.00-2.00%», « Bt » alt'd along vein margin. vein at 25 deg TCA</li> <li>« 148.68- 149.08 Bt 3.00-8.00%» BT altered interval</li> <li>- « tr po « tr cpy 1.00% « tr py », minor qvein frags.</li> </ul>		15	360358	119.5	120.5
125									
127.5									
130									
132.5									
135									
137.5						35	360359	137	137.9
Scale 1:125				11/05/01			16:31:20		

Hole Name :SB-01-05										
DIP	-65	Az	161	Hole Length :276.00			NQ Core		Slate Bay Area	
Start :439680.67,5665095.22,-123.83				End :439683.14,5665087.99,-139.22			Start Depth :137.53		End Depth :154.72	
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
140	Chl-Mt Alt'd Mafic Volcanic	100.62	157.35	<ul style="list-style-type: none"> <li>- non- « wk mag », « tr mt 1.00%» disseminated</li> <li>- « tr py 2.00%» disseminated</li> <li>- « tr cpy »</li> <li>- « wk fol 50.00°» TCA</li> <li>- minor dark gray « qtz-vein 0.50% 3.00cm» typically at 70-80deg TCA.</li> </ul> <p>« 141.36- 141.65 qtz vein 30.00° 8.00mm» wide « py 5.00-8.00%», « Bt 1.00-3.00%», « tr cpy 1.00%», vein at 30 deg TCA</p> <p>« 142.00- 142.27 qtz/py vein 25.00° 1.00cm» wide « py 3.00%» in vein « cpy 1.00-2.00%», « Bt » alt'd along vein margin. vein at 25 deg TCA</p> <p>« 148.68- 149.08 Bt 3.00-8.00%» BT altered interval</p> <ul style="list-style-type: none"> <li>- « tr po « tr cpy 1.00% « tr py », minor qvein frags.</li> </ul>						
							35	360359	137	137.9
							40	360360	137.9	138.3
							115	360361	138.3	139.3
142.5										
145										
147.5										
							915	360362	145.6	146.1
							75	360363	146.1	147.1
150										
							110	360364	147.1	148.1
152.5										
							125	360365	154.35	155.35
Scale 1:125				11/05/01			16:31:20			

Hole Name :SB-01-05									
DIP	-65	Az	161	Hole Length :276.00		NQ Core		Slate Bay Area	
Start :439683.14,5665087.99,-139.22		End :439685.39,5665080.60,-154.58		Start Depth :154.72		End Depth :171.91			
D_geol_SB		SAMPASS		SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to
	Chi-Mt Alt'd Mafic Volcanic	100.62	157.35	- non- « wk mag », « tr mt 1.00% » dissem - « tr py 2.00% » disseminated - « tr cpy » - « wk fol 50.00° » TCA - minor dark gray « qtz-vein 0.50% 3.00cm » typically at 70-80deg TCA.			125 360365	154.35	155.35
157.5	Pyritic Trondj	157.35	161	« 141.36- 141.65 qtz vein 30.00° 8.00mm » wide « py 5.00-8.00% », « B 1.00-3.00% », « tr cpy 1.00% », vein at 30 deg TCA « 142.00- 142.27 qtz/py vein 25.00° 1.00cm » wide « py 3.00% » in vein			555 360366	155.35	156.35
				- msv non-mag - « diss py 1.00-3.00% » - « @ 157.35 sharp UCT », « @ 161.00 sharp LCT » but irregular, clear			635 360367	156.35	157.35
160	Mafic Volcanic	161	252.94	« wk-mod « wk-mod mt 3.00-8.00% », minor intervals of msv MT up to 5cm wide « Bt 2.00-4.00% » « chl 10.00-20.00% » alt'n, « minor ep » alt'n (1%) « py 1.00-2.00% », « tr cpy » minor dark gray qveins @70-80deg TCA. « 205.85- 206.75 py 2.00-3.00% » section with fracture controlled pyrite Fractures +/- carbonate +/- epidote +/- k-spar @ 30-45 deg to CA.  subtle color variations green (chloritic) gray Magnetite			475 360368	157.35	158
162.5							285 360369	158	158.7
165				« 223.20- 223.54 Breccia zone » more chloritic fragments in a pale green (bleached) matrix. adjacent to pillow selvage (strongly chl)					
				« 224.75- 228.05 tr py », Fine grained , med gray -green section wk-non magnetic « 224.75- 228.05 wk-non mag », med grained granular section, « chl » « 228.05- 234.00 wk-mod mag », Med green, granular section, « chl ». « 234.00- 240.60 Mt Bio Qtz Zone » mottled, light green (bleached) and dark gray - black « qtz 5.00-15.00% » as fragments? and veins « mt 20.00% » « py 2.00-5.00% » in part fracture controlled , « tr cpy » fractured throughout.					
167.5				« 240.60- 243.70 str mag », Dark green-gray section « py 3.00-5.00% » « qtz 5.00-10.00% ». « 243.70- 246.66 chl mt section » med green « py 1.00-2.00% » cubic, locally to 5% (fracture)			35 360371	165.4	166.4
							145 360372	166.4	167.3
170							45 360373	167.3	168

Scale 1:125

11/05/01

16:31:20

Hole Name :SB-01-05									
DIP	-65	Az	161	Hole Length :276.00		NQ Core		Slate Bay Area	
Start :439685.39,5665080.60,-154.58				End :439687.43,5665073.08,-169.90			Start Depth :171.91		End Depth :189.10
	D_geol_SB					SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to
172.5	Mafic Volcanic	161	252.94	<p>« wk-mod « wk-mod mt 3.00-8.00%», minor intervals of msv MT up to 5cm wide            « Bt 2.00-4.00%»'            « chl 10.00-20.00%» all'n, « minor ep » all'n (1%)            « py 1.00-2.00%», « tr cpy »            minor dark gray qveins @70-80deg TCA.            « 205.85- 206.75 py 2.00-3.00%» section with fracture controlled pyrite            Fractures +/- carbonate +/- epidote +/- k-spar @ 30-45 deg to CA.</p> <p>subtle color variations            green (chloritic)            gray Magnetite</p> <p>« 223.20- 223.54 Breccia zone » more chloritic fragments in a pale green (bleached) matrix.            adjacent to pillow selvage (strongly chl)</p> <p>« 224.75- 228.05 tr py », Fine grained , med gray -green section            wk-non magnetic            « 224.75- 228.05 wk-non mag », med grained granular section, « chl »            « 228.05- 234.00 wk-mod mag », Med green, granular section, « chl ».            « 234.00- 240.60 Mt Bio Qtz Zone »            mottled, light green (bleached) and dark gray - black            « qtz 5.00-15.00%» as fragments? and veins            « mt 20.00%»            « py 2.00-5.00%» in part fracture controlled , « tr cpy »            fractured throughout.</p> <p>« 240.60- 243.70 str mag », Dark green-gray section            « py 3.00-5.00%»            « qtz 5.00-10.00%».            « 243.70- 246.66 chl mt section » med green            « py 1.00-2.00%» cubic, locally to 5% (fracture)            « 246.66- 250.18 str mag » section, Dark green-green            « qtz 5.00-7.00%» as fragments (sheared?)            « py 1.00%»            « mt 20.00%».            « 250.18- 251.11 fol 30.00°» Dark green, Serpentinous.            « 251.11- 252.94 Chl Mt Qtz Zone » Dark green            boudinaged qtz-blebs, local with « cpy 1.00-2.00%» (251.40-251.65)            « py 1.00-2.00%»            « qtz 10.00%»            « fol 45.00-50.00°» to CA.</p>					
175									
177.5									
180									
182.5									
185									
187.5									
Scale 1:125				11/05/01			16:31:21		

Hole Name :SB-01-05											
DIP	-65	Az	161	Hole Length	:276.00	NQ Core		Slate Bay Area			
Start	:439687.43,5665073.08,-169.90			End	:439689.45,5665065.54,-185.22		Start Depth	:189.10		End Depth	:206.29
	D_geol_SB					SAMPASS	SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
190	Mafic Volcanic	161	252.94	<p>« wk-mod « wk-mod mt 3.00-8.00%», minor intervals of msv MT up to 5cm wide            « Bt 2.00-4.00%»            « chl 10.00-20.00%» alt'n, « minor ep » alt'n (1%)            « py 1.00-2.00%», « tr cpy »            minor dark gray qveins @70-80deg TCA.            « 205.85- 206.75 py 2.00-3.00%» section with fracture controlled pyrite            Fractures +/- carbonate +/- epidote +/- k-spar @ 30-45 deg to CA.</p>							
192.5				<p>subtle color variations            green (chloritic)            gray Magnetite</p>							
195				<p>« 223.20- 223.54 Breccia zone » more chloritic fragments in a pale green (bleached) matrix.            adjacent to pillow selvage (strongly chl)</p>							
197.5				<p>« 224.75- 228.05 tr py », Fine grained , med gray -green section            wk-non magnetic            « 224.75- 228.05 wk-non mag », med grained granular section, « chl »            « 228.05- 234.00 wk-mod mag », Med green, granular section, « chl ».            « 234.00- 240.60 Mt Bio Qtz Zone »            mottled, light green (bleached) and dark gray - black            « qtz 5.00-15.00%» as fragments? and veins            « mt 20.00%»            « py 2.00-5.00%» in part fracture controlled , « tr cpy »            fractured throughout.</p>							
200				<p>« 240.60- 243.70 str mag », Dark green-gray section            « py 3.00-5.00%»            « qtz 5.00-10.00%».            « 243.70- 246.66 chl mt section » med green            « py 1.00-2.00%» cubic, locally to 5% (fracture)            « 246.66- 250.18 str mag » section, Dark green-green            « qtz 5.00-7.00%» as fragments (sheared?)            « py 1.00%»            « mt 20.00%».</p>							
202.5				<p>« 250.18- 251.11 fol 30.00°» Dark green, Serpentinous.            « 251.11- 252.94 Chl Mt Qtz Zone » Dark green            boudinaged qtz-blebs, local with « cpy 1.00-2.00%» (251.40-251.65)            « py 1.00-2.00%»            « qtz 10.00%»            « fol 45.00-50.00°» to CA.</p>			115	360090	201.82	202.85	
							210	360091	202.85	203.75	
							220	360092	203.75	204.75	
205											
Scale 1:125				11/05/01			16:31:21				

Hole Name :SB-01-05											
DIP	65	Az	161	Hole Length :276.00			NQ Core		Slate Bay Area		
Start :439689.45,5665065.54,-185.22				End :439691.47,5665058.00,-200.54			Start Depth :206.29		End Depth :223.49		
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to	
207.5	Mafic Volcanic	161	252.94	<p>« wk-mod « wk-mod mt 3.00-8.00%», minor intervals of msv MT up to 5cm wide            « Bt 2.00-4.00%»            « chl 10.00-20.00%» alt'n, « minor ep » alt'n (1%)            « py 1.00-2.00%», « tr cpy »            minor dark gray qveins @70-80deg TCA.            « 205.85- 206.75 py 2.00-3.00%» section with fracture controlled pyrite            Fractures +/- carbonate +/- epidote +/- k-spar @ 30-45 deg to CA.</p> <p>subtle color variations            green (chloritic)            gray Magnetite</p> <p>« 223.20- 223.54 Breccia zone » more chloritic fragments in a pale green (bleached) matrix.            adjacent to pillow selvage (strongly chl)</p> <p>« 224.75- 228.05 tr py », Fine grained , med gray -green section            wk-non magnetic            « 224.75- 228.05 wk-non mag », med grained granular section, « chl ».            « 228.05- 234.00 wk-mod mag », Med green, granular section, « chl ».            « 234.00- 240.60 Mt Bio Qtz Zone »            mottled, light green (bleached) and dark gray - black            « qtz 5.00-15.00%» as fragments? and veins            « mt 20.00%»            « py 2.00-5.00%» in part fracture controlled , « tr cpy »            fractured throughout.</p> <p>« 240.60- 243.70 str mag », Dark green-gray section            « py 3.00-5.00%»            « qtz 5.00-10.00%».            « 243.70- 246.66 chl mt section » med green            « py 1.00-2.00%» cubic, locally to 5% (fracture)            « 246.66- 250.18 str mag » section, Dark green-green            « qtz 5.00-7.00%» as fragments (sheared?)            « py 1.00%»            « mt 20.00%».            « 250.18- 251.11 fol 30.00*» Dark green, Serpentinous.            « 251.11- 252.94 Chl Mt Qtz Zone » Dark green            boudinaged qtz-blebs, local with « cpy 1.00-2.00%» (251.40-251.65)            « py 1.00-2.00%»            « qtz 10.00%»            « fol 45.00-50.00*» to CA.</p>							
210											
212.5											
215											
217.5											
220											
222.5											
Scale 1:125				11/05/01			16:31:21				



Hole Name :SB-01-05											
DIP	-65	Az	161	Hole Length	:276.00	NQ Core		Slate Bay Area			
Start	:439691.47,5665058.00,-200.54			End	:439693.49,5665050.47,-215.86		Start Depth	:223.49	End Depth	:240.68	
D_geol_SB						SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
225	Mafic Volcanic	161	252.94	<p>« wk-mod « wk-mod mt 3.00-8.00%», minor intervals of msv MT up to 5cm wide            « Bt 2.00-4.00%»            « chl 10.00-20.00%» alt'n, « minor ep » alt'n (1%)            « py 1.00-2.00%», « tr cpy »            minor dark gray qveins @70-80deg TCA.            « 205.85- 206.75 py 2.00-3.00%» section with fracture controlled pyrite            Fractures +/- carbonate +/- epidote +/- k-spar @ 30-45 deg to CA.</p> <p>subtle color variations            green (chloritic)            gray Magnetite</p> <p>« 223.20- 223.54 Breccia zone » more chloritic fragments in a pale green (bleached) matrix.            adjacent to pillow selvage (strongly chl)</p> <p>« 224.75- 228.05 tr py », Fine grained , med gray -green section            wk-non magnetic            « 224.75- 228.05 wk-non mag », med grained granular section, « chl ».            « 228.05- 234.00 wk-mod mag », Med green, granular section, « chl ».            « 234.00- 240.60 Mt Bio Qtz Zone »            mottled, light green (bleached) and dark gray - black            « qtz 5.00-15.00%» as fragments? and veins            « mt 20.00%»            « py 2.00-5.00%» in part fracture controlled , « tr cpy »            fractured throughout.            « 240.60- 243.70 str mag », Dark green-gray section            « py 3.00-5.00%»            « qtz 5.00-10.00%».            « 243.70- 246.66 chl mt section » med green            « py 1.00-2.00%» cubic, locally to 5% (fracture)            « 246.66- 250.18 str mag » section, Dark green-green            « qtz 5.00-7.00%» as fragments (sheared?)            « py 1.00%»            « mt 20.00%».            « 250.18- 251.11 fol 30.00°» Dark green, Serpentinous.            « 251.11- 252.94 Chl Mt Qtz Zone » Dark green            boudinaged qtz-blebs, local with « cpy 1.00-2.00%» (251.40-251.65)            « py 1.00-2.00%»            « qtz 10.00%»            « fol 45.00-50.00°» to CA.</p>							
230											
232.5											
235							115	360093	234	235	
							125	360094	235	236	
							115	360095	236	236.9	
							220	360096	236.9	237.5	
							205	360097	237.5	238.5	
							160	360098	238.5	239.5	
							135	360099	239.5	240.5	
							240	360100	240.5	241.5	
Scale 1:125				11/05/01			16:31:21				

Hole Name :SB-01-05											
DIP	-65	Az	161	Hole Length	:276.00	NQ Core		Slate Bay Area			
Start	:439693.49,5665050.47,-215.86			End	:439695.51,5665042.93,-231.17			Start Depth	:240.68	End Depth	:257.87
D_geol_SB						SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to		
242.5	Mafic Volcanic	161	252.94	« wk-mod « wk-mod mt 3.00-8.00%», minor intervals of msv MT up to 5cm wide « Bt 2.00-4.00%» « chl 10.00-20.00%» alt'n, « minor ep » alt'n (1%) « py 1.00-2.00%», « tr cpy » minor dark gray qveins @70-80deg TCA. « 205.85- 206.75 py 2.00-3.00%» section with fracture controlled pyrite Fractures +/- carbonate +/- epidote +/- k-spar @ 30-45 deg to CA.							
				subtle color variations green (chloritic) gray Magnetite			240	360100	240.5 241.5		
				« 223.20- 223.54 Breccia zone » more chloritic fragments in a pale green (bleached) matrix. adjacent to pillow selvage (strongly chl)			75	360101	241.5 242.5		
				« 224.75- 228.05 tr py », Fine grained , med gray -green section wk-non magnetic « 224.75- 228.05 wk-non mag », med grained granular section, « chl » « 228.05- 234.00 wk-mod mag », Med green, granular section, « chl » « 234.00- 240.60 Mt Bio Qtz Zone » mottled, light green (bleached) and dark gray - black « qtz 5.00-15.00%» as fragments? and veins « mt 20.00%» « py 2.00-5.00%» in part fracture controlled , « tr cpy » fractured throughout. « 240.60- 243.70 str mag », Dark green-gray section « py 3.00-5.00%» « qtz 5.00-10.00%».			215	360102	242.5 243.5		
				« 243.70- 246.66 chl mt section » med green « py 1.00-2.00%» cubic, locally to 5% (fracture) « 246.66- 250.18 str mag » section, Dark green-green « qtz 5.00-7.00%» as fragments (sheared?) « py 1.00%» Med to dark gray, f gr. Local chloritic component « str mag » throughout foliation marked by color variation and « quartz stringers » initially at 45 deg to CA « qtz 5.00-10.00%» as stringers. « py 2.00-5.00%» diss and bands parallel to foliation « minor cpy » throughout poorly developed IF - no chert!			190	360103	243.5 244		
245							30	360104	244 245		
247.5							80	360105	245 245.7		
250							235	360106	245.7 246.7		
252.5							50	360107	246.7 247.7		
							30	360108	247.7 248.7		
							90	360109	248.7 249.7		
							310	360111	249.7 250.18		
							5	360112	250.18 251.11		
							290	360113	251.11 252.1		
							295	360114	252.1 252.94		
	Mt Rich Sediments	252.94	259.08				60	360115	252.94 253.9		
255							80	360116	253.9 254.9		
							120	360117	254.9 255.9		
							275	360118	255.9 256.9		
257.5							110	360119	256.9 257.9		
Scale 1:125				11/05/01			16:31:21				

Hole Name :SB-01-05										
DIP		Az		Hole Length :276.00			NQ Core		Slate Bay Area	
Start :439695.51,5665042.93,-231.17				End :439697.53,5665035.39,-246.49			Start Depth :257.87		End Depth :275.06	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
	Mt Rich Sediments	252.94	259.08	Med to dark gray, f gr. Local chloritic component « str mag » throughout foliation marked by color variation and « quartz stringers » initially at 45 deg to CA « qtz 5.00-10.00% » as stringers. « py 2.00-5.00% » diss and bands parallel to foliation « minor cpy » throughout poorly developed IF - no chert! broken core throughout - foliation at end unit @45 to CA. - Med to dark green « mag » - « quartz stringers 5.00-10.00% » parallel to « fol 40.00° » ***** Initially mottled med to dark green - then med gray blue Serpentinous and weakly carbonatized, magnetic Relic spinifex (cs - to 10cm) near upper contact - Tops? « minor py » - particularly after 263.00m « carbonate stringers 2.00-5.00% » irregular  « 268.80- 271.77 Chloritic Mafic? » - massive - « @ 268.80 sharp UCT 65.00-70.00° » to CA?? - « py 1.00% » fracture controlled - « wk mag » - « ep » and minor hematite filled fractures						
		Chloritic Mafics	259.08		259.7					
260	Ultramafic	259.7	276							
262.5										
265										
267.5										
270										
272.5										
275										
Scale 1:125				11/05/01			16:31:21			

Hole Name :SB-01-05										
DIP	-65	Az	161	Hole Length :276.00			NQ Core		Slate Bay Area	
Start :439697.53,5665035.39,-246.49				End :439699.55,5665027.85,-261.81			Start Depth :275.06		End Depth :292.25	
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
	Ultramafic	259.7	276	Initially mottled med to dark green - then med gray blue Serpentinous and weakly carbonatized, magnetic Relic spinifex (cs - to 10cm) near upper contact - Tops? « minor py » - particularly after 263.00m « carbonate stringers 2.00-5.00% » irregular  « 268.80- 271.77 Chloritic Mafic? » - massive - « @ 268.80 sharp UCT 65.00-70.00° » to CA?? - « py 1.00% » fracture controlled - « wk mag » - « ep » and minor hematite filled fractures ?						
	EOH	/276	/276							
277.5										
280										
282.5										
285										
287.5										
290										
Scale 1:125				11/05/01			16:31:21			

Hole Name :SB-01-06									
DIP	-44	Az	345	Hole Length :257.00	NQ Core			Slate Bay Area	
Start :438355.00,5664193.00,0.00				End :438351.80,5664204.94,-11.94			Start Depth :0.00		End Depth :17.19
D_geol_SB					SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to
	Casing	0	1.52	Casing to 2m			1435 361251	0.01	0.02
							1430 360230	0.01	0.02
							1380 360210	0.01	0.02
							1360 360190	0.01	0.02
-2.5	Felsic Intrusive	1.52	32.18	Med to dark gray, med-cs grained Feldspars locally v cs. to 6mm - feldspar porphyry mafic component approx 5% - biotite - can have dioritic phases local blue quartz eyes - fractured throughout - commonly with bleached edges - some have orange edges (not common) - in places bleaching about fractures can extend to 20cm length, pale buff to waxy green colour - in places mottled. - « minor py » locally to 2% Most fractures @ 60 deg to CA - bleached fractures with orange (k-spar) edges @ 43 deg to CA fractures with Chl+/-qtz @10-15 deg to CA  « 32.18- 32.75 Shear Zone? » - increase in foliation approx 40deg to CA - « qtz 2.00-3.00% » as thin stringers - « py 2.00-3.00% » associated with quartz and diss (aligned parallel to fabric)  « 32.75- 46.60 py 2.00-3.00 » Dark gray section py-diss (aligned parallel to fabric and associated with quartz ***** increase in foliation (shearing) Mafic content to 30% (Chl after biotite) Garnets (pale pink)  « 37.12- 37.40 fabric 60.00° » (shear)  « 40.10- 43.55 fabric 20.00-30.00° » shear « py 2.00-4.00% » « 45.75- 46.00 Shear Zone », « ser » buff colored, strong fabric @30-35 deg to CA. *****			990 360250	0.01	0.02
							965 361252	0.02	0.03
							965 361253	0.03	0.04
							960 361254	0.04	0.05
							995 361255	0.05	0.06
							970 361256	0.06	0.07
							950 361257	0.07	0.08
-5							950 361258	0.08	0.09
							865 361259	0.09	0.1
							955 361260	0.1	0.11
							930 361261	0.11	0.12
-7.5									
-10									
-12.5									
-15									
Scale 1:125				11/05/01			16:31:22		

Hole Name :SB-01-06									
DIP		Az		Hole Length :257.00		NQ Core		Slate Bay Area	
Start :438351.80,5664204.94,-11.94				End :438348.60,5664216.89,-23.88			Start Depth :17.19		End Depth :34.38
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to
20	Felsic Intrusive	1.52	32.18	<p>Med to dark gray, med-cs grained Feldspars locally v cs. to 6mm - feldspar porphyry mafic component approx 5% - biotite - can have dioritic phases local blue quartz eyes - fractured throughout - commonly with bleached edges - some have orange edges (not common) - in places bleaching about fractures can extend to 20cm length, pale buff to waxy green colour - in places mottled. - « minor py » locally to 2% Most fractures @ 60 deg to CA - bleached fractures with orange (k-spar) edges @ 43 deg to CA fractures with Chl+/-qtz @10-15 deg to CA</p> <p>« 32.18- 32.75 Shear Zone? » - increase in foliation approx 40deg to CA - « qtz 2.00-3.00% » as thin stringers - « py 2.00-3.00% » associated with quartz and diss (aligned parallel to fabric)</p> <p>« 32.75- 46.60 py 2.00-3.00 » Dark gray section py-diss (aligned parallel to fabric and associated with quartz ***** increase in foliation (shearing) Mafic content to 30% (Chl after biotite) Garnets (pale pink)</p> <p>« 37.12- 37.40 fabric 60.00° » (shear)</p> <p>« 40.10- 43.55 fabric 20.00-30.00° » shear « py 2.00-4.00% » « 45.75- 46.00 Shear Zone », « ser » buff colored, strong fabric @30-35 deg to CA. *****</p>					
22.5									
25									
27.5									
30									
32.5	Fault Zone	32.18	32.75	<p>?</p> <p>« 32.75- 46.60 py 2.00-3.00 » Dark gray section py-diss (aligned parallel to fabric and associated with quartz ***** increase in foliation (shearing) Mafic content to 30% (Chl after biotite) Garnets (pale pink)</p>					
	Felsic Intrusive	32.75	45.75	<p>« 37.12- 37.40 fabric 60.00° » (shear)</p> <p>« 40.10- 43.55 fabric 20.00-30.00° » shear « py 2.00-4.00% »</p>					

Scale 1:125

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Hole Name : SB-01-06											
DIP	-44	Az	345	Hole Length :257.00			NQ Core		Slate Bay Area		
Start :438348.60,5664216.89,-23.88				End :438345.40,5664228.83,-35.83			Start Depth :34.38		End Depth :51.57		
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to
35	Felsic Intrusive	32.75	45.75	<p>« 32.75- 46.60 py 2.00-3.00» Dark gray section py-diss (aligned parallel to fabric and associated with quartz ***** increase in foliation (shearing) Mafic content to 30% (Chl after biotite) Garnets (pale pink)</p> <p>« 37.12- 37.40 fabric 60.00°» (shear)</p> <p>« 40.10- 43.55 fabric 20.00-30.00°» shear « py 2.00-4.00%»</p>							
								5	360180	34.3	35
								20	360181	35	36
								40	360182	36	37
								20	360183	37	38
								35	360184	38	39
								15	360185	39	40
								50	360186	40	41
								20	360187	41	41.8
								80	360188	41.8	42.3
42.5				<p>« 45.75- 46.00 Shear Zone », « ser » buff colored, strong fabric @30-35 deg to CA.</p> <p>46.60 - 50.80</p> <p>- Dark gray section but with only « minor py » as associated shears</p> <p>- Large (4-6mm) blue quartz eyes</p> <p>- bleached fractures</p>							
								30	360189	42.3	43.3
45	Fault	45.75	46.6	<p>« 50.80- 61.35 py 1.00-3.00» Dark gray, section with several shears and local sections with only minor pyrite.</p> <p>- strongly sheared sections finer grained, gray to buff colored and with a distinct fabric</p> <p>- dark colour through this and two previous sections due to pervasive chlorite (+/- biotite)</p> <p>- local pinkish garnet.</p>							
								25	360191	43.3	44.3
								5	360192	44.3	45.1
47.5	Felsic Intrusive	46.6	56.83	<p>« 50.80- 61.35 py 1.00-3.00» Dark gray, section with several shears and local sections with only minor pyrite.</p> <p>- strongly sheared sections finer grained, gray to buff colored and with a distinct fabric</p> <p>- dark colour through this and two previous sections due to pervasive chlorite (+/- biotite)</p> <p>- local pinkish garnet.</p>							
								20	360193	45.1	45.75
50				<p>« 50.80- 61.35 py 1.00-3.00» Dark gray, section with several shears and local sections with only minor pyrite.</p> <p>- strongly sheared sections finer grained, gray to buff colored and with a distinct fabric</p> <p>- dark colour through this and two previous sections due to pervasive chlorite (+/- biotite)</p> <p>- local pinkish garnet.</p>							
								145	360194	45.75	46.6
				<p>« 50.80- 61.35 py 1.00-3.00» Dark gray, section with several shears and local sections with only minor pyrite.</p> <p>- strongly sheared sections finer grained, gray to buff colored and with a distinct fabric</p> <p>- dark colour through this and two previous sections due to pervasive chlorite (+/- biotite)</p> <p>- local pinkish garnet.</p>							
								5	360195	46.6	47.6
				<p>« 50.80- 61.35 py 1.00-3.00» Dark gray, section with several shears and local sections with only minor pyrite.</p> <p>- strongly sheared sections finer grained, gray to buff colored and with a distinct fabric</p> <p>- dark colour through this and two previous sections due to pervasive chlorite (+/- biotite)</p> <p>- local pinkish garnet.</p>							
				<p>« 50.80- 61.35 py 1.00-3.00» Dark gray, section with several shears and local sections with only minor pyrite.</p> <p>- strongly sheared sections finer grained, gray to buff colored and with a distinct fabric</p> <p>- dark colour through this and two previous sections due to pervasive chlorite (+/- biotite)</p> <p>- local pinkish garnet.</p>							
								55	360196	50.7	51.7

Scale 1:125

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Hole Name :SB-01-06										
DIP	-44	Az	345	Hole Length :257.00			NQ Core		Slate Bay Area	
Start :438345.40,5664228.83,-35.83				End :438342.21,5664240.79,-47.76			Start Depth :51.57		End Depth :68.76	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to	
52.5	Felsic Intrusive	46.6	56.83	46.60 - 50.80 - Dark gray section but with only « minor py » as associated shears - Large (4-6mm) blue quartz eyes - bleached fractures		55	360196	50.7	51.7	
						30	360197	51.7	52.7	
55	Felsic Intrusive	46.6	56.83	« 50.80- 61.35 py 1.00-3.00» Dark gray, section with several shears and local sections with only minor pyrite. - strongly sheared sections finer grained, gray to buff colored and with a distinct fabric - dark colour through this and two previous sections due to pervasive chlorite (+/- biotite) - local pinkish garnet.		40	360198	52.7	53.4	
						10	360199	53.4	54.05	
						60	360200	54.05	55.05	
						55	360201	55.05	56.05	
57.5	Fault	56.83	57.02	« 50.80- 52.45 py 3.00- Light to med gray sheared section pyrite as bands +/- quartz and diss weak fabric at 45 deg to CA.		10	360202	56.05	56.75	
	Felsic Intrusive	57.02	59.66			420	360203	56.75	57.05	
60	Felsic Intrusive	60.4	72.97	« 54.05- 54.67 py 1.00-2.00», Pale gray sheared section « mod fol 25.00-30.00» to CA. « 55.48- 55.92 py 2.00-3.00», Med gray to buff (sericitic) shear - fabric at 45 deg to CA.		5	360204	57.05	58.05	
						10	360205	58.05	59.05	
	Shear zone	59.66	60.4	Shear zone, centered about a 45mm semi massive pyrite-qtz zone (56.90-56.94). shear at 45-50 to CA.		30	360206	59.05	59.65	
62.5	Felsic Intrusive	60.4	72.97	? Shear Zone, med gray colour - 20mm « quartz stringers » @ 59.83 - « py 2.00-3.00%» - fabric @55 to CA		5	360207	59.65	60.5	
						5	360208	60.5	61.5	
65	Felsic Intrusive			Med gray cs grained Intrusive - bleached fractures - tr sulfides - local shear zones (will be noted) - feldspar porphyry - to 6mm						
67.5	Felsic Intrusive			« 64.07- 65.75 py 1.00» Dark gray section with 1% fine pyrite, - *** red about 50mm shear @ 65.28 - shear @ 50 deg to CA						

Scale 1:125

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Hole Name :SB-01-06										
DIP	-44	Az	345	Hole Length :257.00			NQ Core		Slate Bay Area	
Start :438342.21,5664240.79,-47.76				End :438339.13,5664252.79,-59.68			Start Depth :68.76		End Depth :85.96	
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
70	Felsic Intrusive	60.4	72.97	<p>Med gray cs grained Intrusive</p> <ul style="list-style-type: none"> <li>- bleached fractures</li> <li>- tr sulfides</li> <li>- local shear zones (will be noted)</li> <li>- feldspar porphyry - to 6mm</li> </ul> <p>« 64.07- 65.75 py 1.00» Dark gray section with 1% fine pyrite,</p> <ul style="list-style-type: none"> <li>- *** red about 50mm shear @ 65.28</li> <li>- shear @ 50 deg to CA</li> </ul>						
72.5	Shear zone	72.97	73.41	<p>Shear zone @45-55 deg to CA</p> <ul style="list-style-type: none"> <li>- centered about 40-55mm Qtz stringer @ 73.18m</li> <li>- light gray f gr « ser »</li> <li>- « py 1.00-3.00%»</li> <li>- biotite in shear and vein</li> </ul>				15	360209	72.95 73.45
75	Felsic Intrusive	73.41	115.98	<p>89.10 - 90.30 Section buff -orange in color</p> <ul style="list-style-type: none"> <li>- minor pyrite</li> <li>- centered about a chlorite fault zone</li> <li>« 89.18- 89.36 Chl fault zone » orientated at 50-55 deg to CA</li> </ul> <p>« 90.74- 92.12 py 1.00» Dark gray section</p> <ul style="list-style-type: none"> <li>- centered about shear</li> <li>« 91.53- 91.74 Fault » shear @ 40-45 deg</li> <li>- shear has « py 2.00-3.00%», « minor Qtz », biotite.</li> </ul> <p>« 90.30- 90.74 quartz stringer -10.00°» pale green sericitic edges, « minor py ».</p> <p>« 108.00- 108.35 shear zone » dark gray, dark colour due to chl-biotite « py 3.00-7.00%», (two phases)</p>						
77.5										
80										
82.5										
85										
Scale 1:125				11/05/01			16:31:22			

Hole Name :SB-01-06											
DIP	-44	Az	345	Hole Length :257.00			NQ Core		Slate Bay Area		
Start :438339.13,5664252.79,-59.68				End :438336.15,5664264.86,-71.56			Start Depth :85.96		End Depth :103.15		
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to
87.5	Felsic Intrusive	73.41	115.98	89.10 - 90.30 Section buff -orange in color - minor pyrite - centered about a chlorite fault zone « 89.18- 89.36 Chl fault zone » orientated at 50-55 deg to CA  « 90.74- 92.12 py 1.00» Dark gray section - centered about shear « 91.53- 91.74 Fault » shear @ 40-45 deg - shear has « py 2.00-3.00%», « minor qtz », biotite.							
90				« 90.30- 90.74 quartz stringer -10.00°» pale green sericitic edges, « minor py ».				5	360211	90.35	91.35
92.5				« 108.00- 108.35 shear zone » dark gray, dark colour due to chl-biotite « py 3.00-7.00%», (two phases)				10	360212	91.35	92.2
95											
97.5											
100											
102.5											
Scale 1:125				11/05/01			16:31:22				

Hole Name :SB-01-06												
DIP	-44	Az	345	Hole Length :257.00	NQ Core			Slate Bay Area				
Start :438336.15,5664264.86,-71.56			End :438333.29,5664276.98,-83.41			Start Depth :103.15		End Depth :120.34				
	D_geol_SB				SAMPASS	SAMPASS	SAMPASS	SAMPASS				
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to			
105	Felsic Intrusive	73.41	115.98	89.10 - 90.30 Section buff -orange in color - minor pyrite - centered about a chlorite fault zone « 89.18- 89.36 Chl fault zone » orientated at 50-55 deg to CA								
107.5				« 90.74- 92.12 py 1.00» Dark gray section - centered about shear « 91.53- 91.74 Fault » shear @ 40-45 deg - shear has « py 2.00-3.00%», « minor qtz », biotite.								
110				« 90.30- 90.74 quartz stringer -10.00*» pale green sericitic edges, « minor py ».					5	360213	108.3	109
				« 108.00- 108.35 shear zone » dark gray, dark colour due to chl-biotite « py 3.00-7.00%», (two phases)					85	360214	109	109.35
112.5												
115												
	Fault	115.98	116.55	Shear zone @ 50-55 deg - « py 2.00-3.00%», diss, fracture controlled and with « qtz » - med to dark gray colour, f-mgr								
117.5	Felsic Intrusive	116.55	150.75	« 119.25- 124.65 py 1.00-2.00*» med buff gray to gray sheared section, pyrite is diss and fracture controlled pyrite fabric (shearing) at 45-50 deg to CA Qtz grains readily visible. «125.35-125.45 minor cpy », and « sph » noted in separate veins.								
120				« 141.65- 141.91 minor shear » @ 60-70 deg to CA light green-green to buff, chloritic and sericitic, « py 2.00-3.00%» « tr cpy« tr sph 1.00%» reddish. 5% quartz veining.								
								5	360217	116.6	117.6	
								20	360218	119.7	120.7	

Scale 1:125

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Hole Name :SB-01-06											
DIP	44	Az	345	Hole Length :257.00			NQ Core		Slate Bay Area		
Start :438333.29,5664276.98,-83.41				End :438330.48,5664289.16,-95.21			Start Depth :120.34		End Depth :137.53		
D_geol_SB							SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to	
122.5	Felsic Intrusive	116.55	150.75	<p>« 119.25- 124.65 py 1.00-2.00% » med buff gray to gray sheared section, pyrite is diss and fracture controlled pyrite fabric (shearing) at 45-50 deg to CA Qtz grains readily visible. « 125.35-125.45 minor cpy », and « sph » noted in separate veins.</p> <p>« 141.65- 141.91 minor shear » @ 60-70 deg to CA light green-green to buff, chloritic and sericitic, « py 2.00-3.00% » « tr cpy » « tr sph 1.00% » reddish. 5% quartz veining.</p>					20 20 280 20 15	360218 360219 360220 360221 360222	119.7 120.7 120.7 121.5 121.5 122.5 122.5 123.5 123.5 124.1
125											
127.5											
130											
132.5											
135											
137.5											
Scale 1:125				11/05/01			16:31:23				

Hole Name :SB-01-06													
DIP		-44	Az		345	Hole Length :257.00			NQ Core		Slate Bay Area		
Start :438330.48,5664289.16,-95.21					End :438327.66,5664301.39,-106.95					Start Depth :137.53		End Depth :154.72	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS				
Depth At	Rocktype	G_from	G_to	Descript		Au	Au	Sample	s_from	s_to			
140	Felsic Intrusive	116.55	150.75	<p>« 119.25- 124.65 py 1.00-2.00% » med buff gray to gray sheared section, pyrite is diss and fracture controlled pyrite fabric (shearing) at 45-50 deg to CA Qtz grains readily visible.</p> <p>«125.35-125.45 minor cpy », and « sph » noted in separate veins.</p>									
142.5				<p>« 141.65- 141.91 minor shear » @ 60-70 deg to CA light green-green to buff, chloritic and sericitic, « py 2.00-3.00% » « tr cpy« tr sph 1.00% » reddish. 5% quartz veining.</p>				30	360223	141.5	141.9		
145	Bleached Intrusive	150.75	182.48	<p>Extensively bleached intrusive</p> <ul style="list-style-type: none"> <li>- dark gray to pale green</li> <li>- bleached sections light orange to pale green (sericitic) extending over length of &lt; 1.0m to 50 cm.</li> <li>- fracture controlled</li> <li>- intermixed with fresh med-dark gray intrusive</li> </ul> <p>@180.32 50mm chl- zone @ 60 deg to CA possible fault gouge.</p>									
147.5													
150													
152.5													
Scale 1:125					11/05/01			16:31:23					

Hole Name :SB-01-06										
DIP	-44	Az	345	Hole Length :257.00			NQ Core		Slate Bay Area	
Start :438327.66,5664301.39,-106.95				End :438324.82,5664313.68,-118.63			Start Depth :154.72		End Depth :171.91	
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
157.5	Bleached Intrusive	150.75	182.48	Extensively bleached intrusive - dark gray to pale green - bleached sections light orange to pale green (sericitic) extending over length of < 1.0m to 50 cm. - fracture controlled - intermixed with fresh med-dark gray intrusive @180.32 50mm chl- zone @ 60 deg to CA possible fault gouge.						
160										
162.5										
165										
167.5										
170										
Scale 1:125				11/05/01			16:31:23			

Hole Name :SB-01-06											
DIP	-44	Az	345	Hole Length :257.00			NQ Core		Slate Bay Area		
Start :438324.82,5664313.68,-118.63				End :438321.97,5664326.02,-130.26			Start Depth :171.91		End Depth :189.10		
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS		
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from	s_to
172.5	Bleached Intrusive	150.75	182.48	Extensively bleached intrusive - dark gray to pale green - bleached sections light orange to pale green (sericitic) extending over length of < 1.0m to 50 cm. - fracture controlled - intermixed with fresh med-dark gray intrusive @180.32 50mm chl-zone @ 60 deg to CA possible fault gouge Light to dark gray to buff, fine gr, sheared - initially with minor « py » but sulphides after 192.25 consisting of 2-3% pyrite, tr-1% dark red sphalerite, local concentrations of pyrite up to 10% - 2-3% pale pink to red garnets throughout, often associated with fractures and bleached zones. - Local chl:silica filled zones (fractures?) Shear or Fault Zone - Light buff-buff sections centered about chloritic-quartz zone from 183.86-183.95 ***** minor « py » 184.72-185.45 Chlorite spotted sections - mottled med gray and dark green - altered intrusive - minor fracture controlled pyrite. 185.75-187.84 - Dark gray section - fractured with pale green and white bleached edges - 2-3% pale red garnets - pred fracture controlled - minor fracture controlled pyrite - qtz+/-« chl » in fractures 187.84 - 188.62 - light to med gray f gr. section - bleached zones - fracture controlled, often with chlorite rich interiors. - minor fracture controlled pyrite 188.62-189.23 - light orange oxidized section 189.23-190.72 Dark gray section as at 185.75 190.72-191.26 Initially oxidized (dark orange), then broken, chl-qtz after 191.00 - fault zone? 191.26-192.25 - Sericitc section - dark buff colour fgr							
175											
177.5											
180											
182.5	Altered Intrusive	182.48	183.55								
	Shear zone	183.55	184.28					50	360224	183.55	184.25
	Altered Intrusive	184.28	192.25					10	360225	184.25	185.25
185								5	360226	185.25	186.25
								5	360227	186.25	187.25
187.5								5	360228	187.25	187.85
								5	360229	187.85	188.6
								5	360231	188.6	189.3
Scale 1:125				11/05/01			16:31:23				

Hole Name :SB-01-06													
DIP	-44	Az	345	Hole Length :257.00		NQ Core		Slate Bay Area					
Start :438321.97,5664326.02,-130.26				End :438319.12,5664338.35,-141.89			Start Depth :189.10			End Depth :206.29			
D_geol_SB						SAMPASS		SAMPASS		SAMPASS		SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript	Au	Au	Sample	s_from	s_to				
190	Altered Intrusive	184.28	192.25	<ul style="list-style-type: none"> <li>minor « py »</li> <li>184.72-185.45 Chlorite spotted sections</li> <li>- mottled med gray and dark green</li> <li>- altered intrusive</li> <li>- minor fracture controlled pyrite.</li> <li>185.75-187.84</li> <li>- Dark gray section</li> <li>- fractured with pale green and white bleached edges</li> </ul>			5	360231	188.6	189.3			
							5	360232	189.3	190.3			
							5	360233	190.3	191.3			
							5	360234	191.3	192.25			
192.5	Shear zone	192.25	196.92	<ul style="list-style-type: none"> <li>- 2-3% pale red garnets - pred fracture controlled</li> <li>- minor fracture controlled pyrite</li> <li>- qtz+/-« chl » in fractures</li> <li>187.84 - 188.62</li> <li>- light to med gray f gr. section</li> <li>- bleached zones - fracture controlled, often with chlorite rich interiors.</li> <li>- minor fracture controlled pyrite</li> <li>188.62-189.23</li> <li>- light orange oxidized section</li> </ul>			20	360235	192.25	193.25			
							45	360236	193.25	194.25			
195							70	360237	194.25	195.25			
							145	360238	195.25	196.25			
							75	360239	196.25	196.92			
197.5	Mafic Dyke	196.92	198.74	<ul style="list-style-type: none"> <li>Grey sheared zone</li> <li>- med to dark gray, f gr.</li> <li>- sheared @40-45 deg to CA</li> <li>- bleached sections (with « chl » centers) +/- garnet.</li> <li>- « py 2.00-3.00%», locally to 10% over 2.0-10.0 cm</li> <li>- minor pale brown to dark brown « sph »</li> <li>- Initially dark green to gray - mixed with gray siliceous bands (intrusive)</li> </ul>			290	360240	196.92	197.75			
							155	360241	197.75	198.74			
200	Felsic Intrusive	198.74	228.47	<ul style="list-style-type: none"> <li>- after 197.75 med green, chloritic and mottled with epidote?</li> <li>- « @ 196.92 sharp UCT 45.00-50.00° » to CA, « @ 198.74 sharp LCT 55.00-60.00° »</li> <li>- shearing at 45-55 deg throughout</li> <li>- interval darker section (chloritic) « py 5.00-7.00%», locally to 20% @ contact</li> </ul>			10	360242	198.74	199.75			
							30	360244	199.75	200.75			
							35	360245	200.75	201.75			
202.5				<ul style="list-style-type: none"> <li>« 197.05-197.10 banded py-sph 30.00-40.00%»</li> <li>- light to med gray, med grained</li> <li>- light gray « mod ser » matrix with dark green chloritic blebs aligned parallel to fabric.</li> <li>- « fol 45.00° » (shearing)</li> <li>- local fine grained sericitic sections</li> <li>- 1-2% pale red garnets</li> <li>- « py 1.00%» diss and aligned parallel to fabric</li> <li>- minor bleaching about fractures</li> <li>- minor quartz stringers</li> <li>- fractures - chlorite filled.</li> <li>« @ 200.65 fault gouge 50.00mm »</li> <li>limonitic</li> </ul>			20	360246	201.75	202.75			
							5	360247	202.75	203.75			
							10	360248	203.75	204.75			
205							5	360249	204.75	205.75			
							5	360251	205.75	206.75			

Scale 1:125

11/05/01

16:31:23



Hole Name :SB-01-06											
DIP	-44	Az	345	Hole Length :257.00			NQ Core		Slate Bay Area		
Start :438319.12,5664338.35,-141.89				End :438316.28,5664350.66,-153.56			Start Depth :206.29		End Depth :223.49		
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to	
207.5	Felsic Intrusive	198.74	228.47	<ul style="list-style-type: none"> <li>- light to med gray, med grained</li> <li>- light gray « mod ser » matrix with dark green chloritic blebs aligned parallel to fabric.</li> <li>- « fol 45.00° » (shearing)</li> <li>- local fine grained sericitic sections</li> <li>- 1-2% pale red garnets</li> <li>- « py 1.00% » diss and aligned parallel to fabric</li> <li>- minor bleaching about fractures</li> <li>- minor quartz stringers</li> <li>- fractures - chlorite filled.</li> <li>« @ 200.65 fault gouge 50.00mm »</li> <li>- limonitic</li> <li>- angle?</li> <li>206.50-213.58 - Section with several minor faults generally parallel to foliation (shearing)</li> <li>« 211.35- 212.90 py 1.00-2.00% », Dark gray f gr. section pyrite is diss and parallel to shearing, shearing at 40 deg to CA.</li> </ul>							
							5	360251	205.75	206.75	
							5	360252	206.75	207.75	
							10	360253	207.75	208.75	
							15	360254	208.75	209.75	
210							5	360255	209.75	210.75	
							5	360256	210.75	211.75	
212.5							35	360257	211.75	212.75	
	5	360258	212.75	213.75							
215											
217.5											
220											
222.5											
Scale 1:125				11/05/01			16:31:23				

Hole Name :SB-01-06											
DIP	-44	Az	345	Hole Length :257.00			NQ Core		Slate Bay Area		
Start :438316.28,5664350.66,-153.56				End :438313.45,5664362.94,-165.25			Start Depth :223.49		End Depth :240.68		
	D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to	
225	Felsic Intrusive	198.74	228.47	<ul style="list-style-type: none"> <li>- light to med gray, med grained</li> <li>- light gray « mod ser » matrix with dark green chloritic blebs aligned parallel to fabric.</li> <li>- « fol 45.00° » (shearing)</li> <li>- local fine grained sericitic sections</li> <li>- 1-2% pale red garnets</li> <li>- « py 1.00% » diss and aligned parallel to fabric</li> <li>- minor bleaching about fractures</li> <li>- minor quartz stringers</li> <li>- fractures - chlorite filled.</li> <li>« @ 200.65 fault gouge 50.00mm »</li> <li>- limonitic</li> <li>- angle?</li> </ul>							
227.5	Shear zone	228.47	228.92	206.50-213.58 - Section with several minor faults generally parallel to foliation (shearing)				20	360259	228.4 228.9	
230	Felsic Intrusive	228.92	233.45	<ul style="list-style-type: none"> <li>« 211.35- 212.90 py 1.00-2.00% », Dark gray f gr. section pyrite is diss and parallel to shearing, shearing at 40 deg to CA.</li> <li>Centered on chlorite rich zone with « py 5.00-10.00% » from 228.59-228.68 @50 deg to CA</li> <li>- surrounding light gray sections carries 1-2% diss and fracture controlled pyrite.</li> <li>?</li> </ul>				5	360260	228.9 229.6	
232.5	Shear zone	233.45	234.07	<ul style="list-style-type: none"> <li>- light gray mottled zone (chlorite spots)</li> <li>- shear centered about two thin (05-1.0cm) wide « quartz stringers »</li> <li>- fine « py 1.00-2.00% »</li> <li>- shearing @ 45 deg to CA</li> </ul>				5	360261	232.6 233.4	
235	Felsic Intrusive	234.07	251.86	?				15	360262	233.4 234	
237.5								5	360263	234 234.8	
240											
Scale 1:125				11/05/01			16:31:24				

Hole Name :SB-01-06										
DIP	-44	Az	345	Hole Length :257.00			NQ Core		Slate Bay Area	
Start :438313.45,5664362.94,-165.25				End :438310.62,5664375.20,-176.96			Start Depth :240.68		End Depth :257.87	
D_geol_SB						SAMPASS	SAMPASS	SAMPASS	SAMPASS	
Depth At	Rocktype	G_from	G_to	Descript			Au	Au	Sample	s_from s_to
242.5	Felsic Intrusive	234.07	251.86	?						
245										
247.5										
250										
252.5	Shear zone	251.86	252.04	- centered about chl-bio-qtz filled fractures from 251.93-251.98 - « py 2.00-3.00%» - not sampled.						
252.5	Felsic Intrusive	252.04	257	- dark gray section with fine « py 1.00%», « minor sph » - silicified - blue quartz eyes.						
255									5	360264 253 254
255									5	360265 254 255
255									15	360266 255 256
255									5	360267 256 257
257.5	EOH	257	257	?						
Scale 1:125				11/05/01			16:31:24			











# ALS Chemex

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 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: RUBICON MINERALS CORPORATION

888 - 1100 MELVILLE ST.  
 VANCOUVER, BC  
 V6E 4A6

Project :  
 Comments: ATTN: DAVID ADAMSON

Page Number :3-A  
 Total Pages :3  
 Certificate Date: 22-OCT-2001  
 Invoice No. : I0125703  
 P.O. Number :  
 Account : SHA

## CERTIFICATE OF ANALYSIS A0125703

SAMPLE	PREP CODE	Au ppb RUSH	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
RLC54921	255 272	40	< 0.5	5.87	< 5	130	< 0.5	< 2	5.0	0.5	43	600	176	7.99	1.03
RLC54922	255 295	280	< 0.5	4.10	< 5	160	< 0.5	< 2	4.8	0.5	51	2230	1325	9.45	2.12
RLC54923	255 295	650	0.5	5.43	5	180	< 0.5	< 2	4.0	0.5	101	908	2640	8.90	1.84
RLC54924	255 295	235	< 0.5	4.92	5	160	0.5	< 2	5.2	0.5	50	999	1525	8.47	1.54
RLC54925	255 295	240	< 0.5	3.28	< 5	120	< 0.5	< 2	4.7	0.5	54	1410	915	9.96	1.23
RLC54926	255 295	1230	2.5	3.16	< 5	130	< 0.5	< 2	3.6	0.5	103	1170	5930	10.62	1.27
RLC54927	255 295	135	< 0.5	3.22	< 5	30	< 0.5	< 2	5.1	0.5	51	1550	665	11.96	0.31
RLC54928	255 295	280	< 0.5	3.44	< 5	20	0.5	< 2	4.6	0.5	80	1225	1545	12.99	0.23
RLC54929	255 272	190	< 0.5	2.13	< 5	10	0.5	< 2	4.0	0.5	65	1420	976	16.07	0.17
RLC55801	255 295	90	< 0.5	2.94	< 5	10	0.5	< 2	4.3	0.5	37	1075	404	11.15	0.20
RLC55802	255 295	1050	2.0	4.29	< 5	110	< 0.5	< 2	3.5	0.5	85	1950	5260	14.89	1.12
RLC55803	255 295	80	< 0.5	4.05	< 5	40	0.5	< 2	4.7	0.5	55	1605	398	13.63	0.38
RLC55804	255 295	180	< 0.5	4.04	< 5	90	0.5	< 2	4.1	< 0.5	76	1135	907	12.16	0.63
RLC55805	255 295	35	< 0.5	1.52	< 5	40	< 0.5	< 2	3.6	0.5	42	147	374	21.12	0.36
RLC55806	255 295	10	< 0.5	0.22	< 5	< 10	< 0.5	< 2	3.6	0.5	35	121	81	17.92	0.01
RLC55807	255 295	20	1.0	1.08	< 5	< 10	0.5	< 2	3.7	0.5	58	361	246	22.38	0.06
RLC55808	255 295	105	0.5	3.97	< 5	50	1.0	< 2	3.8	0.5	85	996	641	13.28	0.57
RLC55809	255 295	60	< 0.5	3.50	< 5	40	0.5	< 2	3.7	< 0.5	61	995	319	10.89	0.48
RLC55810	255 295	1710	5.5	3.78	< 5	90	1.0	< 2	2.1	0.5	67	251	7240	6.99	0.97
361253	214 3285	965	< 0.5	7.42	< 5	20	3.0	< 2	0.41	< 0.5	1	5	16	0.25	0.25

CERTIFICATION: \_\_\_\_\_





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To: RUBICON MINERALS CORPORATION

888 - 1100 MELVILLE ST.  
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 V6E 4A6

Project :  
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Page Number :3-B  
 Total Pages :3  
 Certificate Date: 22-OCT-2001  
 Invoice No. : I0125703  
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 Account : SHA

## CERTIFICATE OF ANALYSIS A0125703

SAMPLE	PREP CODE	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
RLC54921	255 272	6.80	1015	< 1	1.53	233	30	< 2	0.46	< 5	141	0.19	196	< 10	78
RLC54922	255 295	9.75	1040	8	0.32	607	50	< 2	1.77	< 5	44	0.14	164	< 10	110
RLC54923	255 295	6.84	780	1	1.09	302	240	< 2	3.44	< 5	141	0.18	190	< 10	90
RLC54924	255 295	7.54	930	< 1	1.07	333	1610	< 2	2.23	< 5	137	0.26	166	< 10	104
RLC54925	255 295	7.16	1040	4	0.50	522	220	< 2	1.72	< 5	45	0.11	100	< 10	126
RLC54926	255 295	5.69	850	1	0.37	478	180	< 2	3.08	< 5	42	0.11	84	< 10	156
RLC54927	255 295	5.59	1070	< 1	0.64	624	180	< 2	0.95	< 5	63	0.10	81	< 10	122
RLC54928	255 295	4.44	945	1	0.70	517	220	< 2	2.33	< 5	81	0.10	73	< 10	120
RLC54929	255 272	4.12	925	< 1	0.40	519	380	< 2	1.54	< 5	61	0.07	66	< 10	120
RLC55801	255 295	4.17	820	< 1	0.63	515	230	< 2	0.35	< 5	84	0.09	66	< 10	96
RLC55802	255 295	4.77	885	5	0.61	529	110	< 2	3.16	< 5	84	0.14	111	< 10	170
RLC55803	255 295	4.49	950	< 1	0.80	774	160	< 2	0.64	< 5	101	0.13	99	< 10	118
RLC55804	255 295	4.30	860	3	0.71	474	200	< 2	1.59	< 5	77	0.13	86	< 10	104
RLC55805	255 295	4.70	965	1	0.20	138	730	< 2	0.59	< 5	35	0.05	27	< 10	118
RLC55806	255 295	4.10	860	< 1	0.07	41	630	< 2	0.14	< 5	22	< 0.01	7	< 10	98
RLC55807	255 295	4.12	940	< 1	0.18	128	660	< 2	0.52	< 5	30	0.03	26	< 10	106
RLC55808	255 295	3.54	810	6	0.73	503	260	< 2	0.91	< 5	90	0.12	83	< 10	88
RLC55809	255 295	3.63	700	2	0.65	460	230	< 2	0.37	< 5	63	0.11	75	< 10	72
RLC55810	255 295	2.57	395	3	0.71	245	300	< 2	1.93	< 5	75	0.11	50	< 10	106
361253	214 285	0.06	30	< 1	6.83	1	610	8	< 0.01	< 5	29	0.01	2	< 10	4

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Project :  
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Page Number :2-A  
 Total Pages :2  
 Certificate Date: 18-OCT-2001  
 Invoice No. : I0125741  
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 Account : SHA

## CERTIFICATE OF ANALYSIS A0125741

SAMPLE	PREP CODE	Au ppb RUSH	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
RLC54740	205 226	275	0.5	4.76	< 5	100	< 0.5	< 2	5.5	< 0.5	59	1085	605	7.82	1.44
RLC54741	205 226	1370	2.0	3.56	20	100	< 0.5	4	3.9	< 0.5	520	992	1660	14.63	1.63
RLC54742	205 226	1015	1.5	4.05	< 5	100	< 0.5	2	5.6	< 0.5	71	1480	440	8.23	1.71
RLC54743	205 226	1025	0.5	4.24	< 5	110	< 0.5	< 2	5.3	< 0.5	96	1420	566	8.26	1.66
RLC54744	205 226	630	0.5	4.97	< 5	120	< 0.5	< 2	5.0	< 0.5	70	1375	324	8.32	1.46
RLC54745	205 226	50	1.5	7.81	5	160	0.5	< 2	3.9	< 0.5	24	96	176	2.61	0.76
RLC54746	205 226	110	1.5	7.35	5	210	1.0	< 2	3.8	< 0.5	18	84	74	2.80	0.65
RLC54747	205 226	150	0.5	7.84	< 5	210	1.0	< 2	3.7	< 0.5	17	85	132	2.54	0.80
RLC54748	205 226	90	1.5	7.73	5	210	1.0	< 2	3.9	< 0.5	21	85	161	3.14	0.68
RLC54749	205 226	75	< 0.5	7.40	5	190	0.5	< 2	3.4	< 0.5	15	102	131	2.45	0.75
RLC54750	205 226	240	< 0.5	7.73	5	220	1.0	< 2	3.5	< 0.5	19	86	234	3.04	0.85
361255	2143285	995	1.5	7.77	< 5	30	3.0	< 2	0.46	< 0.5	1	17	7	0.29	0.27

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Page Number :2-B  
 Total Pages :2  
 Certificate Date: 18-OCT-2001  
 Invoice No. : I0125741  
 P.O. Number :  
 Account : SHA

## CERTIFICATE OF ANALYSIS

A0125741

SAMPLE	PREP CODE	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
RLC54740	205 226	7.52	1075	6	0.65	421	60	6	1.15	< 5	93	0.18	186	< 10	78
RLC54741	205 226	7.19	925	10	0.22	613	50	6	9.11	5	13	0.14	139	< 10	74
RLC54742	205 226	8.91	1265	< 1	0.31	662	60	2	0.60	< 5	15	0.16	153	< 10	86
RLC54743	205 226	8.51	1220	6	0.39	581	40	2	0.68	5	28	0.16	166	< 10	88
RLC54744	205 226	6.91	1065	3	0.71	487	60	10	0.42	15	92	0.19	192	< 10	80
RLC54745	205 226	1.54	280	5	2.53	43	820	2	0.63	< 5	680	0.22	75	< 10	28
RLC54746	205 226	1.38	325	4	2.46	22	820	4	0.27	20	668	0.24	80	< 10	34
RLC54747	205 226	1.40	300	11	2.61	24	790	4	0.48	< 5	695	0.22	76	< 10	34
RLC54748	205 226	1.42	370	5	2.55	27	780	6	0.54	< 5	710	0.25	77	< 10	38
RLC54749	205 226	1.34	275	23	2.44	27	780	6	0.66	< 5	624	0.21	71	< 10	30
RLC54750	205 226	1.38	295	13	2.52	22	810	6	0.92	< 5	673	0.23	75	< 10	32
361255	2143285	0.07	30	< 1	5.26	< 1	630	< 2	< 0.01	< 5	24	0.01	3	< 10	6

CERTIFICATION: \_\_\_\_\_

















# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: RUBICON MINERALS CORPORATION

888 - 1100 MELVILLE ST.  
 VANCOUVER, BC  
 V6E 4A6

Project :  
 Comments: ATTN: DAVID ADAMSON

Page Number :4-A  
 Total Pages :4  
 Certificate Date: 22-OCT-2001  
 Invoice No. : I0126005  
 P.O. Number :  
 Account : SHA

## CERTIFICATE OF ANALYSIS A0126005

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
361258	2143285	950	< 0.5	7.67	< 5	20	3.0	2	0.41	< 0.5	1	6	3	0.26	0.24
RLC55822	205 226	25	< 0.5	3.86	< 5	130	< 0.5	< 2	4.3	< 0.5	75	1950	212	9.26	2.40
RLC55823	205 226	370	< 0.5	5.33	< 5	180	0.5	< 2	1.25	< 0.5	70	614	807	5.69	2.70
RLC55824	205 226	25	< 0.5	3.76	< 5	140	< 0.5	< 2	4.7	< 0.5	73	1610	167	8.46	2.39
RLC55825	205 226	15	< 0.5	2.89	< 5	80	< 0.5	< 2	5.4	< 0.5	77	2350	245	9.67	1.61
RLC55826	205 226	20	< 0.5	4.26	< 5	190	< 0.5	< 2	3.5	< 0.5	65	1505	166	8.56	3.07
RLC55827	205 226	45	< 0.5	3.64	< 5	160	< 0.5	< 2	4.2	0.5	109	1165	422	9.25	2.76
RLC55828	205 226	10	< 0.5	5.04	< 5	260	< 0.5	< 2	3.4	< 0.5	65	268	13	8.73	4.72
RLC55829	205 226	30	< 0.5	2.88	< 5	70	< 0.5	< 2	3.7	< 0.5	76	1940	252	9.46	1.52
RLC55830	205 226	850	1.0	4.54	< 5	130	0.5	< 2	2.3	< 0.5	51	747	1930	6.09	1.99
RLC55831	205 226	65	< 0.5	3.56	< 5	100	< 0.5	< 2	5.7	< 0.5	69	1525	328	9.32	1.82
63280	205 226	1570	< 0.5	5.63	< 5	90	< 0.5	< 2	3.3	< 0.5	43	534	1235	8.64	0.91
63281	205 226	2660	0.5	3.53	10	50	< 0.5	< 2	2.8	< 0.5	153	198	4280	17.00	0.65
63282	205 226	955	0.5	5.65	< 5	80	< 0.5	< 2	3.1	< 0.5	64	728	1240	9.01	0.96

CERTIFICATION: \_\_\_\_\_



# ALS Chemex

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 Analytical Chemists \* Geochemists \* Registered Assayers  
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To: RUBICON MINERALS CORPORATION

888 - 1100 MELVILLE ST.  
 VANCOUVER, BC  
 V6E 4A6

Project :  
 Comments: ATTN: DAVID ADAMSON

Page Number : 4-B  
 Total Pages : 4  
 Certificate Date: 22-OCT-2001  
 Invoice No. : I0126005  
 P.O. Number :  
 Account : SHA

## CERTIFICATE OF ANALYSIS A0126005

SAMPLE	PREP CODE	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
361258	2143285	0.06	35	1	7.38	2	620	8	< 0.01	< 5	19	0.01	1	< 10	4
RLC55822	205 226	9.41	1590	< 1	0.25	951	200	< 2	0.46	< 5	32	0.12	130	< 10	142
RLC55823	205 226	5.03	585	6	1.58	513	280	6	0.61	< 5	150	0.17	94	< 10	118
RLC55824	205 226	8.97	1510	< 1	0.37	629	220	< 2	0.37	< 5	36	0.12	109	< 10	176
RLC55825	205 226	9.66	1805	< 1	0.25	746	160	< 2	0.63	< 5	30	0.09	122	< 10	170
RLC55826	205 226	8.00	1415	< 1	0.30	736	270	< 2	0.28	< 5	34	0.13	105	< 10	180
RLC55827	205 226	8.49	1570	< 1	0.26	656	320	< 2	0.75	< 5	25	0.12	104	< 10	178
RLC55828	205 226	10.58	1460	1	0.10	448	1250	2	< 0.01	< 5	30	0.25	132	< 10	196
RLC55829	205 226	11.98	1510	< 1	0.11	1020	300	2	0.67	< 5	41	0.12	111	< 10	192
RLC55830	205 226	5.40	595	19	1.63	418	260	< 2	2.14	< 5	119	0.13	77	20	88
RLC55831	205 226	9.57	1740	< 1	0.63	788	210	< 2	0.81	< 5	48	0.12	117	< 10	134
63280	205 226	2.42	600	2	1.56	185	270	< 2	2.77	< 5	226	0.20	105	< 10	38
63281	205 226	2.25	515	1	0.77	408	320	< 2	>10.00	< 5	130	0.13	70	< 10	44
63282	205 226	2.97	600	3	1.57	209	280	4	3.48	< 5	168	0.16	107	< 10	46

CERTIFICATION: \_\_\_\_\_













# ALS Chemex

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 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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 PHONE: 604-984-0221 FAX: 604-984-0218

To: RUBICON MINERALS CORPORATION

888 - 1100 MELVILLE ST.  
 VANCOUVER, BC  
 V6E 4A6

Project :  
 Comments: ATTN: DAVID ADAMSON

Page Number : 3-A  
 Total Pages : 3  
 Certificate Date: 24-OCT-2001  
 Invoice No. : I0126256  
 P.O. Number :  
 Account : SHA

## CERTIFICATE OF ANALYSIS A0126256

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
63252	205 294	225	1.5	4.67	< 5	70	< 0.5	< 2	6.4	< 0.5	53	1490	851	9.16	0.85
63253	205 294	245	0.5	5.04	< 5	20	< 0.5	< 2	5.4	< 0.5	83	1325	865	11.79	0.22
63254	205 226	215	< 0.5	5.35	< 5	10	< 0.5	< 2	5.5	< 0.5	77	832	796	9.91	0.16
63255	205 226	215	< 0.5	5.57	< 5	60	< 0.5	< 2	5.3	< 0.5	94	593	576	8.87	0.47
63256	205 226	190	< 0.5	3.90	< 5	40	< 0.5	< 2	3.8	< 0.5	111	674	648	11.13	0.29
63257	205 226	100	< 0.5	5.92	< 5	50	< 0.5	< 2	5.0	< 0.5	82	655	457	8.88	0.38
63258	205 226	150	< 0.5	6.14	< 5	100	< 0.5	< 2	4.8	< 0.5	76	576	894	7.90	0.80
63259	205 226	100	< 0.5	5.97	< 5	90	< 0.5	< 2	4.5	< 0.5	53	597	529	7.01	0.77
63260	205 294	195	1.5	6.02	< 5	60	< 0.5	< 2	5.5	0.5	56	562	554	6.81	0.46
63261	205 226	445	0.5	5.85	< 5	70	< 0.5	< 2	4.4	< 0.5	69	657	1045	7.67	0.56
63262	205 226	335	< 0.5	5.56	< 5	30	< 0.5	< 2	4.7	0.5	42	612	528	7.80	0.27
63263	205 226	95	< 0.5	6.06	< 5	40	< 0.5	< 2	5.2	< 0.5	43	559	337	7.83	0.36
63264	205 226	530	2.0	5.59	< 5	100	< 0.5	< 2	3.6	< 0.5	109	501	1590	9.56	0.88
63267	205 226	225	1.0	4.60	< 5	60	< 0.5	< 2	5.2	0.5	80	807	1430	11.36	0.49
63268	205 226	175	< 0.5	4.75	< 5	30	< 0.5	< 2	5.5	< 0.5	62	907	1095	10.45	0.26
63283	205 226	985	3.0	5.66	5	110	< 0.5	< 2	4.1	< 0.5	89	380	2140	8.42	1.15

CERTIFICATION: \_\_\_\_\_



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To: RUBICON MINERALS CORPORATION

888 - 1100 MELVILLE ST.  
 VANCOUVER, BC  
 V6E 4A6

Page Number :3-B  
 Total Pages :3  
 Certificate Date: 24-OCT-2001  
 Invoice No. : 10126256  
 P.O. Number :  
 Account :SHA

Project :  
 Comments: ATTN: DAVID ADAMSON

## CERTIFICATE OF ANALYSIS A0126256

SAMPLE	PREP CODE	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
63252	205 294	8.12	1675	4	0.89	616	70	< 2	1.32	< 5	76	0.18	177	< 10	112
63253	205 294	5.04	1235	2	1.44	481	80	< 2	1.85	< 5	130	0.19	195	< 10	92
63254	205 226	4.83	1180	3	1.56	362	70	< 2	1.90	< 5	139	0.19	196	< 10	68
63255	205 226	5.20	1200	12	1.70	232	50	< 2	1.83	< 5	125	0.20	202	< 10	68
63256	205 226	3.46	850	3	1.19	382	150	< 2	2.53	< 5	81	0.13	147	< 10	72
63257	205 226	4.75	1115	1	2.06	249	60	< 2	1.42	< 5	133	0.21	220	< 10	72
63258	205 226	4.98	1050	1	2.01	173	60	< 2	1.56	< 5	130	0.22	224	< 10	90
63259	205 226	4.52	1000	15	1.99	166	90	6	1.82	< 5	137	0.21	210	< 10	94
63260	205 294	5.60	1165	4	2.10	185	50	2	1.02	< 5	136	0.20	213	< 10	138
63261	205 226	4.51	970	12	2.07	229	70	4	1.84	< 5	134	0.20	208	< 10	164
63262	205 226	4.45	1100	2	2.10	201	80	< 2	0.85	< 5	140	0.20	211	< 10	204
63263	205 226	5.29	1210	3	2.13	159	50	< 2	0.63	< 5	130	0.21	218	< 10	252
63264	205 226	4.74	810	9	1.56	305	50	< 2	3.25	< 5	105	0.20	193	< 10	176
63267	205 226	5.46	1090	64	1.15	351	160	< 2	4.35	< 5	85	0.17	168	< 10	324
63268	205 226	5.26	1120	88	1.27	318	110	< 2	2.55	< 5	93	0.16	171	< 10	124
63283	205 226	4.06	690	13	1.78	292	180	4	4.39	< 5	202	0.18	131	< 10	182

CERTIFICATION: \_\_\_\_\_

















# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: RUBICON MINERALS CORPORATION

888 - 1100 MELVILLE ST.  
 VANCOUVER, BC  
 V6E 4A6

Project :  
 Comments: ATTN: DAVID ADAMSON

Page Number :4-A  
 Total Pages :4  
 Certificate Date: 29-OCT-2001  
 Invoice No. : 10126532  
 P.O. Number :  
 Account :SHA

## CERTIFICATE OF ANALYSIS A0126532

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
N360015	205 226	25	0.5	7.12	< 5	170	0.5	< 2	1.55	< 0.5	10	302	39	1.46	1.12
N360016	205 226	2000	40	5.87	15	110	< 0.5	< 2	1.40	4.0	101	799	>10000	5.50	1.39
N360017	205 226	320	3.5	6.80	15	90	0.5	< 2	1.75	< 0.5	42	163	2020	1.78	0.79
N360018	205 226	40	0.5	4.57	< 5	60	< 0.5	< 2	1.10	< 0.5	5	167	152	0.78	0.39
N360019	205 226	40	< 0.5	4.79	15	90	< 0.5	< 2	1.20	< 0.5	18	214	133	2.23	0.82
N360020	205 226	55	< 0.5	4.52	15	80	< 0.5	< 2	1.05	< 0.5	18	191	235	1.99	0.72
N360021	205 226	45	< 0.5	5.77	10	90	< 0.5	< 2	1.45	< 0.5	13	221	79	1.59	0.64
N360022	205 226	15	< 0.5	5.79	5	80	< 0.5	2	1.50	< 0.5	11	215	36	1.52	0.74
N360023	205 226	25	< 0.5	5.35	< 5	80	< 0.5	4	1.30	< 0.5	11	198	82	1.60	0.76
N360024	205 226	50	0.5	6.66	10	80	< 0.5	< 2	1.70	< 0.5	17	162	268	1.73	0.64
N360026	205 226	< 5	1.5	0.16	35	80	< 0.5	2	>25	0.5	1	11	< 1	0.18	0.07
N360027	205 226	965	13.5	5.65	5	90	< 0.5	2	2.1	2.0	87	163	>10000	4.22	1.22
N360028	205 226	1750	8.5	6.29	5	80	0.5	8	1.90	1.5	45	197	7010	2.08	0.66
N360029	205 226	185	2.0	6.30	< 5	80	< 0.5	< 2	1.95	< 0.5	13	145	1505	1.20	0.62
N360030	205 226	25	0.5	6.28	< 5	80	< 0.5	< 2	1.85	< 0.5	10	130	127	1.35	0.70
N360031	205 226	40	1.0	7.09	5	90	0.5	2	2.0	< 0.5	13	302	179	1.60	0.81
N360032	205 226	120	0.5	6.47	< 5	100	0.5	18	1.90	< 0.5	18	296	736	1.34	0.74
N360033	205 226	150	1.5	5.76	< 5	90	< 0.5	6	2.3	< 0.5	14	320	1195	1.68	1.02
N360034	205 226	10	0.5	7.67	< 5	100	0.5	8	2.1	< 0.5	7	277	47	1.14	0.85
N360035	205 226	10	< 0.5	6.55	< 5	80	< 0.5	< 2	1.60	< 0.5	5	181	15	1.11	0.67
N360036	205 226	10	< 0.5	7.51	< 5	130	0.5	< 2	1.70	< 0.5	6	197	27	1.18	0.88
N360037	205 226	55	2.0	5.79	25	50	< 0.5	< 2	1.20	< 0.5	183	210	132	8.85	1.21
N360038	205 226	20	0.5	5.21	5	90	< 0.5	8	1.30	< 0.5	18	161	83	1.75	0.73
N360039	205 226	15	0.5	6.40	< 5	120	0.5	< 2	1.45	< 0.5	5	194	85	1.22	0.73

CERTIFICATION: 



# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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To: RUBICON MINERALS CORPORATION

888 - 1100 MELVILLE ST.  
 VANCOUVER, BC  
 V6E 4A6

Project:  
 Comments: ATTN: DAVID ADAMSON

Page Number : 4-B  
 Total Pages : 4  
 Certificate Date: 29-OCT-2001  
 Invoice No. : I0126532  
 P.O. Number :  
 Account : SHA

## CERTIFICATE OF ANALYSIS A0126532

SAMPLE	PREP CODE	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
N360015	205 226	1.01	140	23	3.10	33	360	6	0.62	< 5	266	0.21	82	< 10	26
N360016	205 226	1.75	225	136	1.91	165	210	2	4.04	10	199	0.18	103	< 10	130
N360017	205 226	0.88	135	101	2.96	60	190	8	1.05	< 5	267	0.14	44	< 10	30
N360018	205 226	0.38	75	1	2.23	17	250	8	0.36	< 5	143	0.09	30	< 10	10
N360019	205 226	0.92	140	81	1.97	37	620	4	1.41	< 5	147	0.13	66	10	26
N360020	205 226	0.83	125	5	1.90	38	260	4	1.31	< 5	134	0.11	59	< 10	24
N360021	205 226	0.70	125	13	2.73	32	380	8	0.97	< 5	190	0.18	77	< 10	22
N360022	205 226	0.80	130	3	2.63	32	270	6	0.86	< 5	195	0.16	70	< 10	26
N360023	205 226	0.87	140	7	2.33	35	270	6	0.94	< 5	168	0.16	77	< 10	26
N360024	205 226	0.77	125	3	3.07	41	300	8	1.10	< 5	237	0.19	88	< 10	20
N360026	205 226	1.17	135	< 1	0.07	5	110	14	0.03	10	84	< 0.01	1	< 10	6
N360027	205 226	1.63	285	168	2.19	159	290	< 2	2.62	< 5	187	0.16	118	< 10	150
N360028	205 226	0.66	125	3	2.77	59	300	4	1.50	5	243	0.17	68	< 10	54
N360029	205 226	0.62	125	< 1	2.87	26	350	8	0.61	< 5	247	0.17	67	< 10	24
N360030	205 226	0.72	135	3	3.06	31	280	10	0.76	< 5	244	0.13	69	< 10	18
N360031	205 226	0.91	165	10	3.40	53	400	12	0.91	< 5	265	0.23	98	10	28
N360032	205 226	0.78	145	5	3.04	48	290	8	0.72	< 5	264	0.20	91	< 10	30
N360033	205 226	1.24	225	5	2.55	56	280	6	0.73	< 5	214	0.24	138	< 10	34
N360034	205 226	0.90	150	15	3.92	24	400	8	0.35	< 5	307	0.24	112	< 10	30
N360035	205 226	0.78	130	2	3.36	19	450	8	0.47	< 5	229	0.26	92	< 10	24
N360036	205 226	0.76	120	3	3.66	26	200	6	0.47	< 5	271	0.14	66	< 10	22
N360037	205 226	1.30	170	7	2.19	155	40	< 2	8.03	25	204	0.16	79	< 10	32
N360038	205 226	0.89	120	193	2.28	42	< 10	4	0.94	< 5	202	0.13	53	< 10	22
N360039	205 226	0.87	130	293	3.06	30	110	8	0.38	< 5	230	0.14	55	< 10	22

CERTIFICATION: 

























# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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To: RUBICON MINERALS CORPORATION

888 - 1100 MELVILLE ST.  
 VANCOUVER, BC  
 V6E 4A6

Project :  
 Comments: ATTN: DAVID ADAMSON

Page Number : 6-A  
 Total Pages : 6  
 Certificate Date: 29-OCT-2001  
 Invoice No. : I0126579  
 P.O. Number :  
 Account : SHA

## CERTIFICATE OF ANALYSIS A0126579

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
N360249	205 226	5	0.5	7.66	< 5	850	< 0.5	< 2	0.75	< 0.5	7	83	37	4.43	3.46
N360250	214 285	1360	< 0.5	7.22	< 5	20	2.0	< 2	0.27	< 0.5	1	20	3	0.23	0.23
N360251	205 226	< 5	< 0.5	7.38	< 5	840	< 0.5	< 2	1.30	< 0.5	5	96	25	4.38	3.42
N360252	205 226	< 5	< 0.5	7.07	< 5	800	< 0.5	< 2	2.1	< 0.5	6	86	16	3.17	2.72
N360253	205 226	10	< 0.5	7.05	5	550	< 0.5	< 2	2.7	< 0.5	12	100	14	3.84	2.29
N360254	205 226	15	< 0.5	7.43	5	580	< 0.5	< 2	2.4	< 0.5	14	96	12	4.36	2.41
N360255	205 226	< 5	< 0.5	7.96	< 5	770	< 0.5	< 2	0.92	< 0.5	7	74	1	2.41	3.21
N360256	205 226	5	< 0.5	7.42	< 5	520	0.5	< 2	2.1	< 0.5	7	86	2	3.62	1.94
N360257	205 226	35	< 0.5	6.39	5	420	< 0.5	< 2	0.86	< 0.5	12	91	20	6.58	2.01
N360258	205 226	< 5	< 0.5	8.03	< 5	840	0.5	< 2	1.65	< 0.5	7	86	11	2.64	2.66
N360259	205 226	20	< 0.5	6.69	< 5	100	< 0.5	< 2	2.3	< 0.5	35	87	29	7.90	2.53
N360260	205 226	< 5	< 0.5	7.28	< 5	650	< 0.5	< 2	3.2	< 0.5	8	86	6	2.42	1.78
N360261	205 226	< 5	< 0.5	7.28	< 5	630	< 0.5	< 2	3.3	< 0.5	7	93	< 1	2.30	1.57
N360262	205 226	15	< 0.5	7.50	< 5	260	< 0.5	< 2	1.20	< 0.5	8	101	50	5.79	2.93
N360263	205 226	< 5	< 0.5	7.76	< 5	810	0.5	< 2	3.3	< 0.5	6	75	2	2.01	1.75
N360264	205 226	< 5	< 0.5	7.66	< 5	610	< 0.5	< 2	3.1	< 0.5	8	67	5	2.15	1.68

CERTIFICATION: \_\_\_\_\_



# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: RUBICON MINERALS CORPORATION

888 - 1100 MELVILLE ST.  
 VANCOUVER, BC  
 V6E 4A6

Project :  
 Comments: ATTN: DAVID ADAMSON

Page Number : 6-B  
 Total Pages : 6  
 Certificate Date: 29-OCT-2001  
 Invoice No. : 10126579  
 P.O. Number :  
 Account : SHA

## CERTIFICATE OF ANALYSIS A0126579

SAMPLE	PREP CODE	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
N360249	205 226	1.43	1860	3	0.60	10	490	8	0.64	< 5	111	0.17	30	< 10	142
N360250	214 285	0.05	35	1	7.87	7	680	2	< 0.01	< 5	27	0.01	1	10	4
N360251	205 226	1.33	1505	2	0.48	13	440	6	0.43	< 5	135	0.16	28	< 10	120
N360252	205 226	1.30	1170	2	0.99	11	450	6	0.43	< 5	175	0.16	28	< 10	84
N360253	205 226	1.60	1030	4	1.28	15	450	6	0.73	< 5	126	0.15	30	< 10	134
N360254	205 226	1.80	1075	2	1.65	13	490	4	0.97	< 5	116	0.17	31	10	94
N360255	205 226	1.10	605	4	1.53	14	490	< 2	0.16	< 5	99	0.17	30	10	40
N360256	205 226	1.78	1050	4	1.71	15	490	12	0.32	< 5	93	0.16	30	< 10	44
N360257	205 226	2.03	1305	2	1.04	15	440	16	1.51	< 5	74	0.15	30	< 10	148
N360258	205 226	1.01	915	4	1.44	14	480	12	0.23	< 5	246	0.16	30	10	88
N360259	205 226	1.32	1000	3	0.70	16	410	12	3.97	< 5	126	0.14	27	30	196
N360260	205 226	0.70	910	2	1.88	12	480	12	0.42	< 5	389	0.17	31	< 10	100
N360261	205 226	0.50	950	1	2.06	18	450	10	0.19	< 5	391	0.17	31	< 10	80
N360262	205 226	1.01	810	3	0.66	12	430	12	2.39	< 5	115	0.15	27	10	226
N360263	205 226	0.55	770	2	2.00	9	490	10	0.33	< 5	383	0.17	31	10	70
N360264	205 226	0.62	675	3	1.92	10	500	14	0.29	< 5	345	0.17	32	< 10	92

CERTIFICATION: \_\_\_\_\_















## Work Report Summary

**Transaction No:** W0120.31059                                      **Status:** APPROVED  
**Recording Date:** 2001-NOV-08                                      **Work Done from:** 2001-SEP-15  
**Approval Date:** 2001-DEC-19                                      **to:** 2001-OCT-15

**Client(s):**  
 129617                      ENGLISH, PERRY VERN

**Survey Type(s):**  
                                         ASSAY                                      PDRILL

**Work Report Details:**

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
KRL 1184367	\$0	\$0	\$6,000	\$6,000	\$0	0	\$0	\$0	2002-NOV-08
KRL 1184370	\$0	\$0	\$5,600	\$5,600	\$0	0	\$0	\$0	2002-NOV-08
KRL 1184373	\$0	\$0	\$6,400	\$6,400	\$0	0	\$0	\$0	2002-NOV-28
KRL 1184374	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2002-NOV-23
KRL 1184375	\$0	\$0	\$6,000	\$6,000	\$0	0	\$0	\$0	2002-NOV-23
KRL 1184857	\$0	\$0	\$6,400	\$6,400	\$0	0	\$0	\$0	2002-NOV-17
KRL 1184867	\$0	\$0	\$4,800	\$4,800	\$0	0	\$0	\$0	2002-NOV-10
KRL 1184868	\$0	\$0	\$3,200	\$3,200	\$0	0	\$0	\$0	2002-NOV-10
KRL 1184869	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2002-NOV-10
KRL 1184870	\$0	\$0	\$2,400	\$2,400	\$0	0	\$0	\$0	2002-NOV-24
KRL 1184871	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2002-NOV-24
KRL 1184872	\$0	\$0	\$3,600	\$3,600	\$0	0	\$0	\$0	2002-NOV-24
KRL 1184873	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2002-NOV-24
KRL 1184874	\$0	\$0	\$2,400	\$2,400	\$0	0	\$0	\$0	2002-NOV-24
KRL 1184875	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2002-NOV-24
KRL 1184889	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2002-DEC-03
KRL 1184890	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2002-DEC-03
KRL 1184891	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2002-DEC-03
KRL 1184897	\$118,508	\$118,508	\$2,400	\$2,400	\$44,620	44,620	\$71,488	\$71,488	2002-DEC-03
KRL 1231807	\$0	\$0	\$3,200	\$3,200	\$0	0	\$0	\$0	2002-NOV-17
KRL 1231808	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2002-NOV-17
KRL 1231809	\$0	\$0	\$2,800	\$2,800	\$0	0	\$0	\$0	2002-NOV-17
KRL 1231811	\$0	\$0	\$2,800	\$2,800	\$0	0	\$0	\$0	2002-NOV-17
KRL 1231812	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2002-NOV-17
KRL 1231815	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2002-NOV-17
KRL 1231816	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2002-NOV-17
KRL 1231989	\$20,980	\$20,980	\$0	\$0	\$20,980	20,980	\$0	\$0	2002-JAN-23
	<b>\$139,488</b>	<b>\$139,488</b>	<b>\$68,000</b>	<b>\$68,000</b>	<b>\$65,600</b>	<b>\$65,600</b>	<b>\$71,488</b>	<b>\$71,488</b>	

Status of claim is based on information currently on record.



52N04NW2006 2.22391 MCDONOUGH 900

Date: 2001-DEC-19

GEOSCIENCE ASSESSMENT OFFICE  
933 RAMSEY LAKE ROAD, 6th FLOOR  
SUDBURY, ONTARIO  
P3E 6B5

PERRY VERN ENGLISH  
BOX 414  
SOURIS, MANITOBA  
R0K 2C0 CANADA

Tel: (888) 415-9845  
Fax: (877) 670-1555

**Submission Number:** 2.22391  
**Transaction Number(s):** W0120.31059

Dear Sir or Madam

**Subject: Approval of Assessment Work**

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact LUCILLE JEROME by email at [lucille.jerome@ndm.gov.on.ca](mailto:lucille.jerome@ndm.gov.on.ca) or by phone at (705) 670-5858.

Yours Sincerely,



Ron Gashinski  
Supervisor, Geoscience Assessment Office

**Cc:** Resident Geologist

Perry Vern English  
(Claim Holder)

Ian Charles Russell  
(Agent)

Assessment File Library

Perry Vern English  
(Assessment Office)



MINISTRY OF  
NATURAL RESOURCES AND FORESTRY  
ONTARIO  
PROVINCIAL MINING  
RECORDS OFFICE

**MINING LAND TENURE  
MAP**

Date / Time of Issue Dec 19 2001 10:22h Eastern

TOWNSHIP / AREA PLAN  
MCDONOUGH G-3732

ADMINISTRATIVE DISTRICTS / DIVISIONS  
Mining Division Red Lake  
Land Titles/Registry Division KENORA  
Ministry of Natural Resources District RED LAKE

**TOPOGRAPHIC**

- Administrative Boundary
- Topographic
- Contour Line
- Production Well
- Drill Hole
- Water
- Road
- Trail
- Natural Gas Pipeline
- Hydro Line
- Communication Line
- Wooded Area
- Mineral Property Boundary

**LAND TENURE**

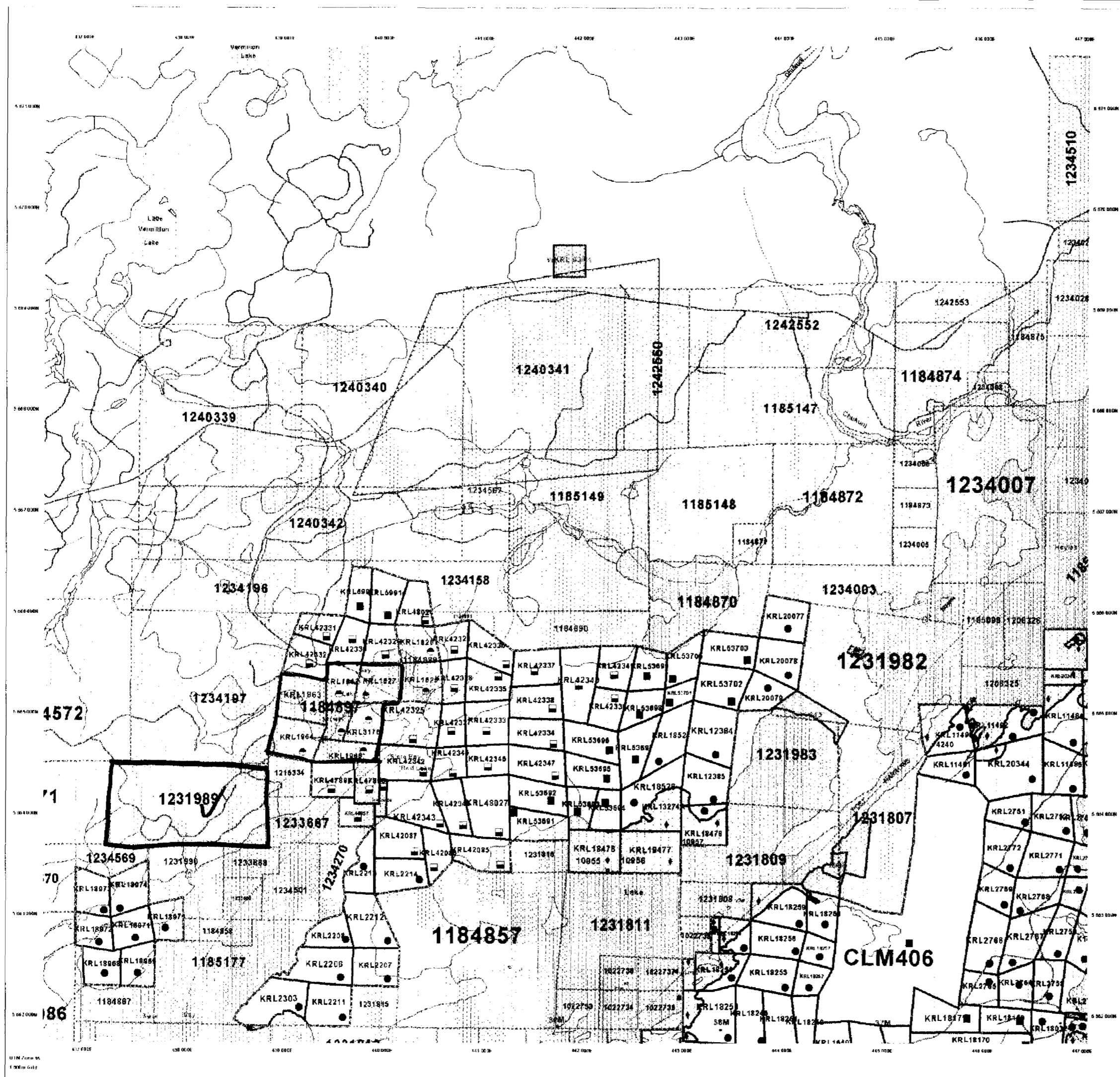
- Freehold Patent
- Surface Area Mining Right
- Surface Rights Only
- Mining Rights Only
- Licensed Patent
- Surface Area Mining Right
- Surface Rights Only
- Mining Rights Only
- Minerals in Occupancy
- Mineral Occupied
- Surface and Mining Rights
- Surface Rights Only
- Mining Rights Only
- Leasehold Patent
- Mineral Lease
- Water Lease
- Water Lease - Lease Agreement

**LAND TENURE WITHDRAWALS**

- Area Withdrawal from Disposition
- Mining Act Withdrawal by Law
- Surface Rights Only
- Surface Rights Only
- Order of Consent Withdrawal
- Surface Rights Only
- Surface Rights Only
- Surface Rights Only
- Surface Rights Only

**IMPORTANT NOTICES**

10



**LAND TENURE WITHDRAWAL DESCRIPTIONS**

Number	Date	Description
1030	Jan 1 2001	CANCELLED - SUBJECT TO SECTION 32 MINING ACT (1990) 1991
1031	Jul 22 1994	SEC. 35(3) MINING ACT (1990) 1994
1032	Jul 1 1990	SEC. 35(3) MINING ACT (1990) 1990
1033	Jul 1 1991	SEC. 35(3) MINING ACT (1990) 1991

**IMPORTANT NOTICES**  
Areas under special requirements. Landowners or other persons subject to special requirements should contact the Mining Records Office for more information.

2.22391  
PDRILL  
ASSAY



52N04W2006 2.22391 MCDONOUGH

**General Information and Limitations**

This map may not show updated land tenure and mineral rights including surface rights, leases, agreements, rights of way, mining rights, royalties, or other forms of disposition of rights and interests. It is not a legal document and should not be used as such. For more information, contact the Mining Records Office.

Map Date: 12/19/2001  
Projection: UTM (5 Degree)  
Topographic Data Source: Land Information Ontario  
Mining Land Tenure: Provincial Mining Records Office

This map may not show updated land tenure and mineral rights including surface rights, leases, agreements, rights of way, mining rights, royalties, or other forms of disposition of rights and interests. It is not a legal document and should not be used as such. For more information, contact the Mining Records Office.

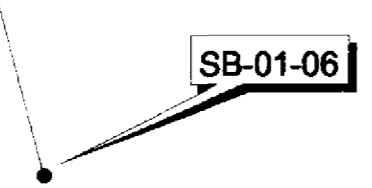
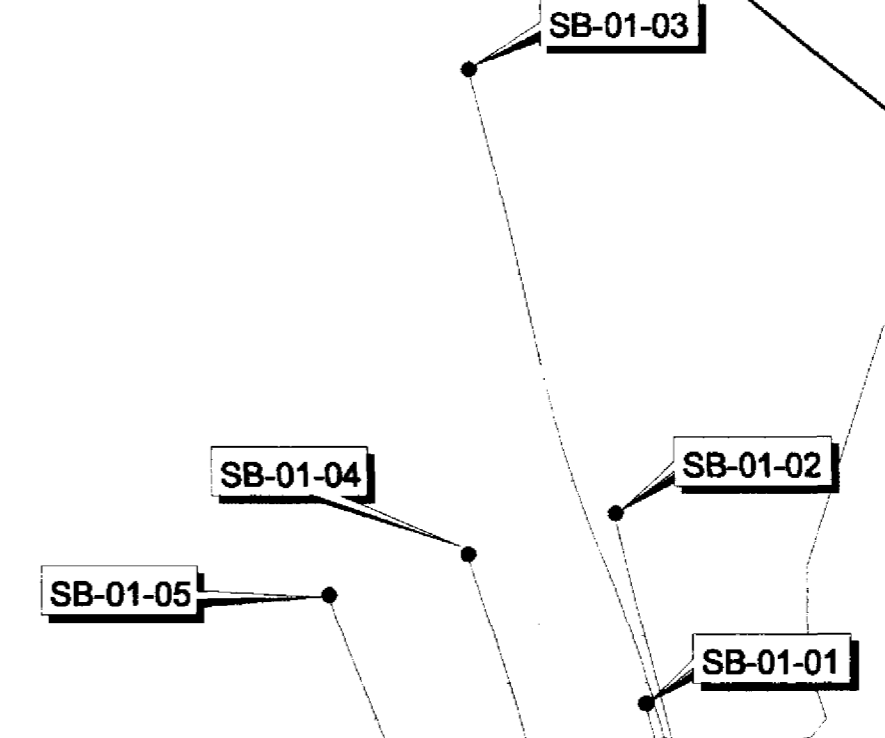


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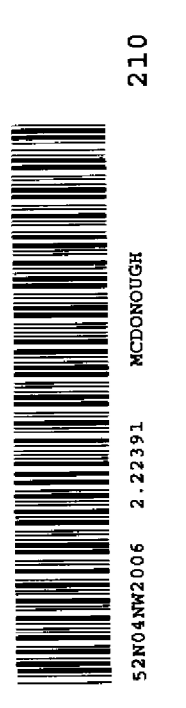
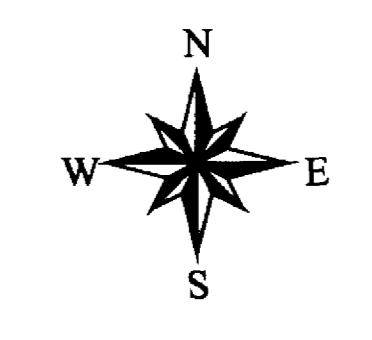
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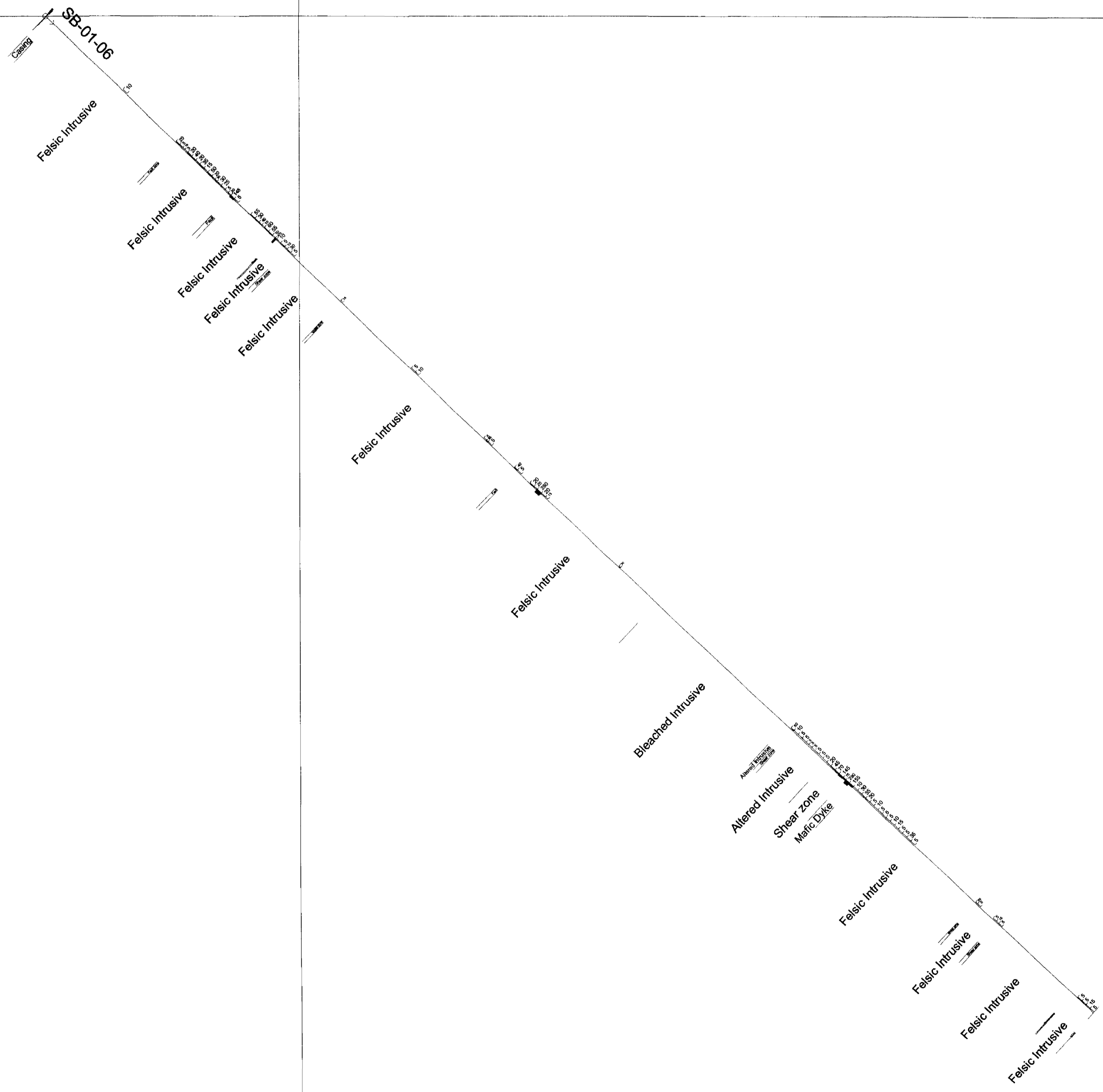
PLAN VIEW



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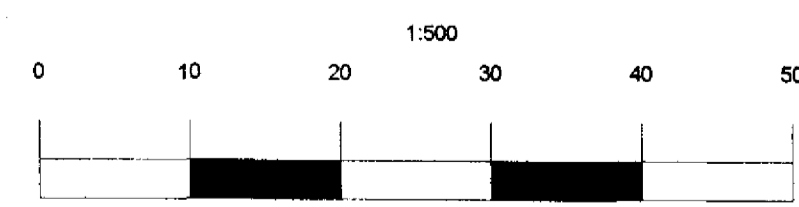
0.0 Elev



-200.0 Elev

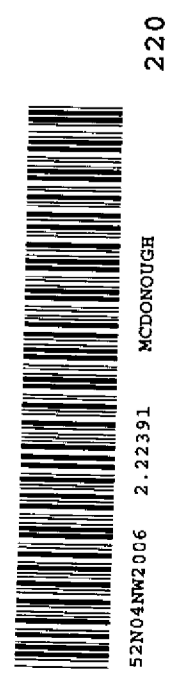
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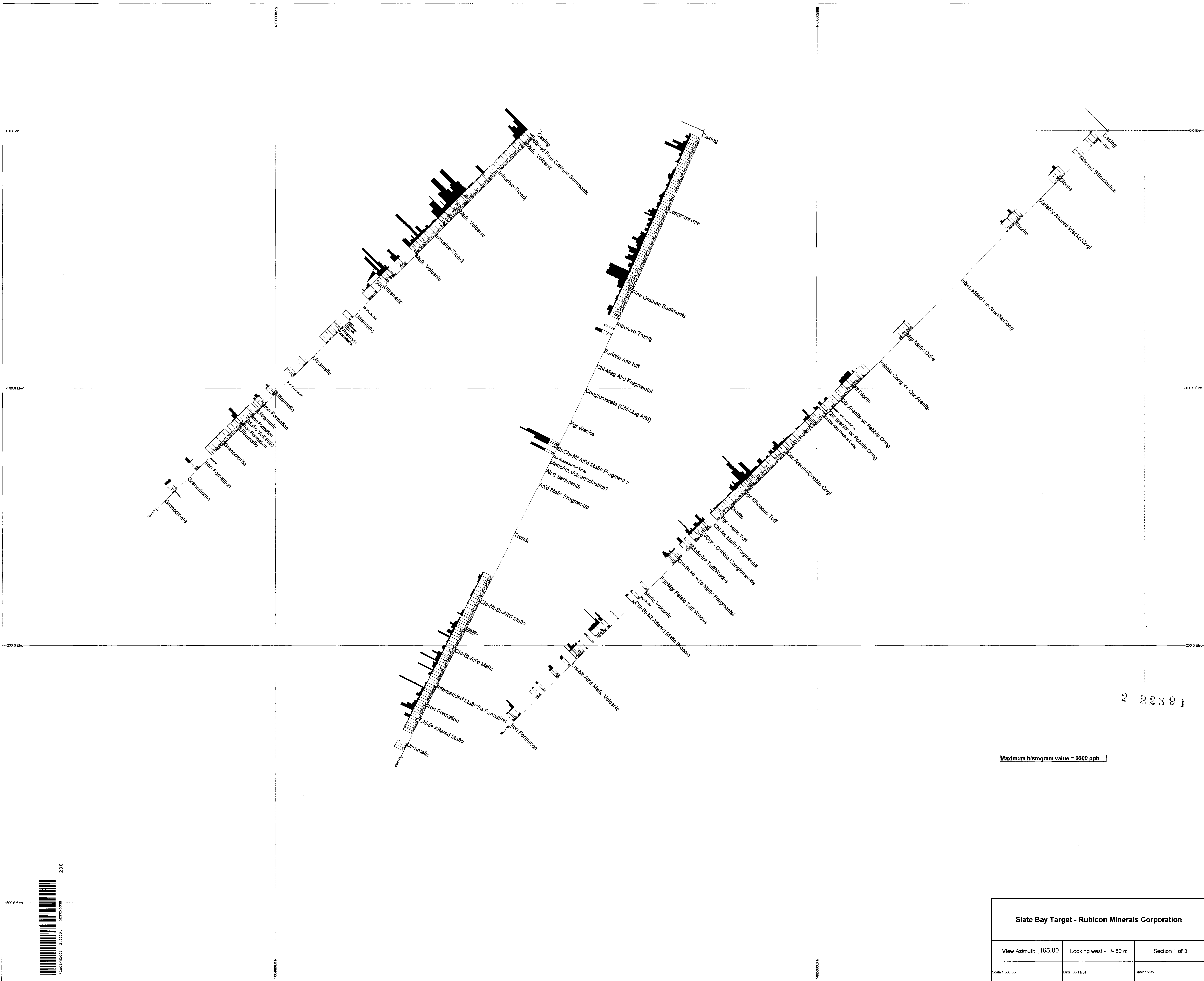
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**Slate Bay - 2001 Drill Hole Location  
Map Looking West**

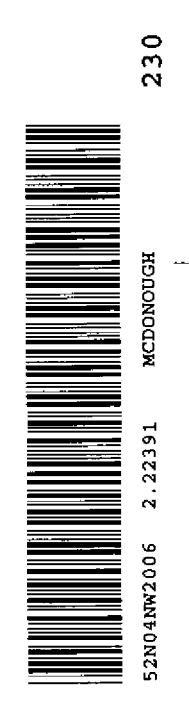
Section Azimuth: 165.84	Section Northing: 5664271.131	Section Easting: 438335.19	UTM 15 NAD 83
Scale 1:500.00	Date: 07/1/01	Time: 09:15	



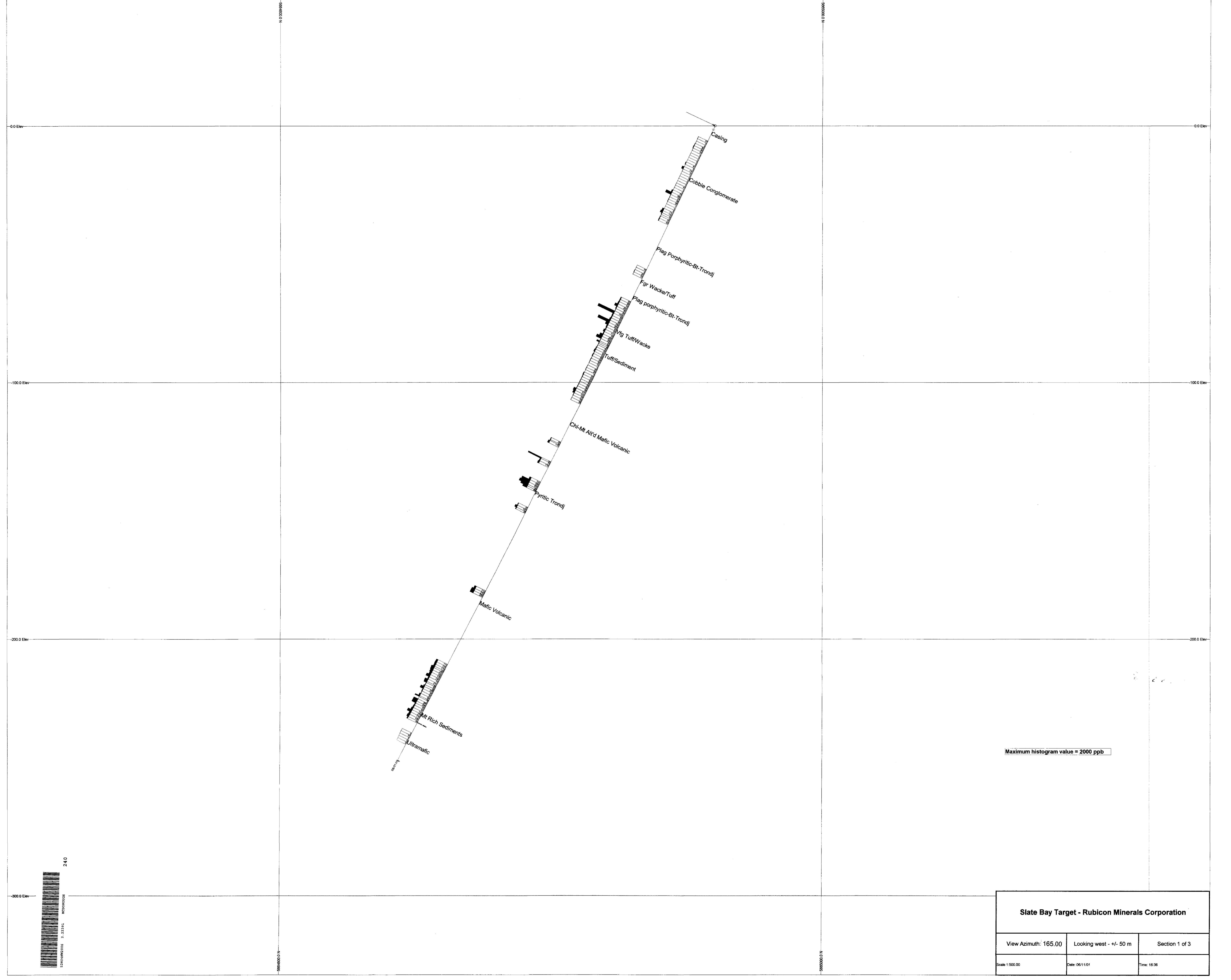


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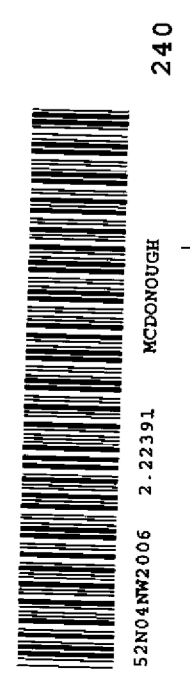
Maximum histogram value = 2000 ppb



Slate Bay Target - Rubicon Minerals Corporation		
View Azimuth: 165.00	Looking west - +/- 50 m	Section 1 of 3
Scale 1:500.00	Date: 05/11/01	Time: 16:36

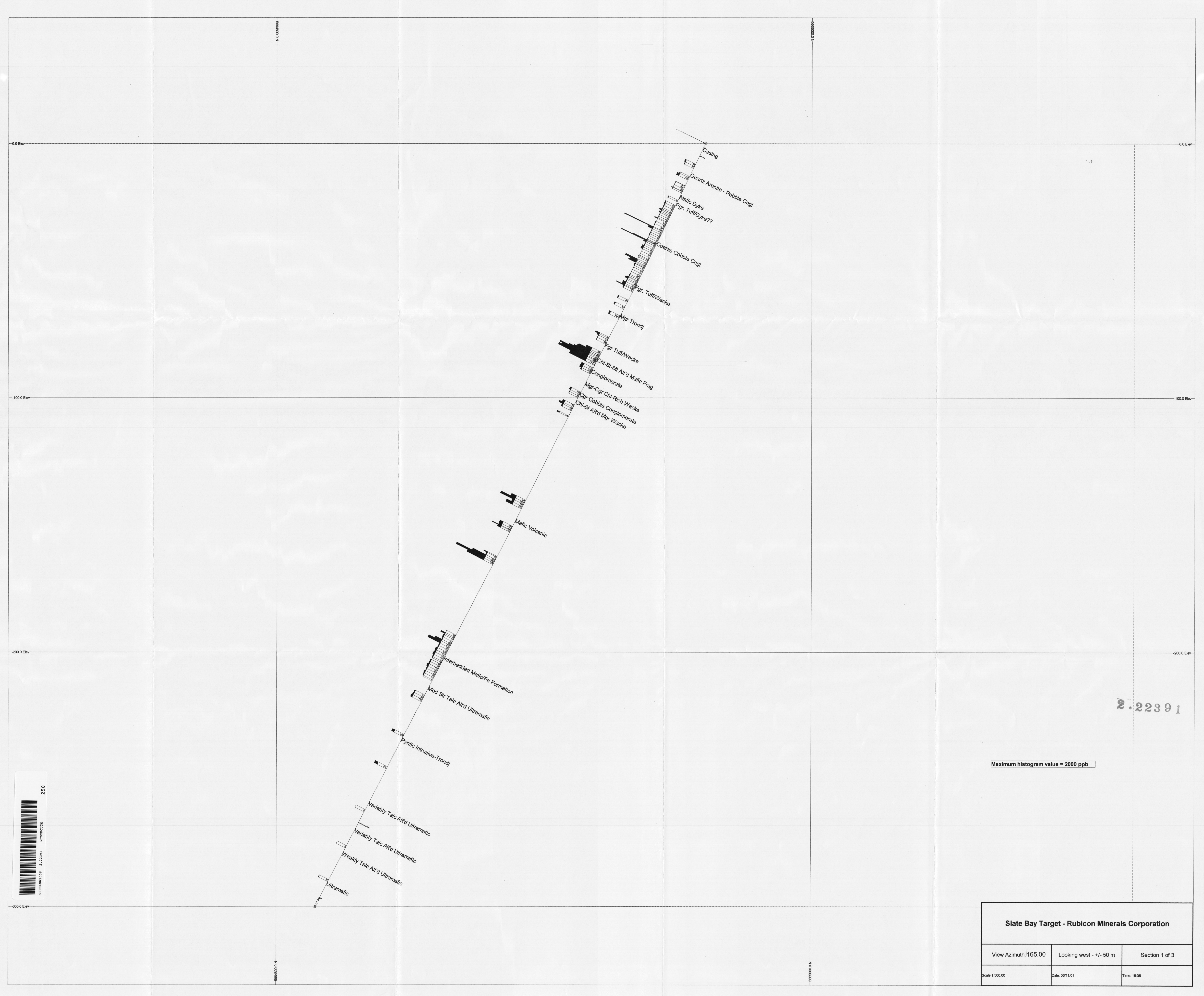


Maximum histogram value = 2000 ppb



240  
520486205 3 22341 MICROSCOPIC

Slate Bay Target - Rubicon Minerals Corporation		
View Azimuth: 165.00	Looking west - +/- 50 m	Section 1 of 3
Scale: 1:500.00	Date: 06/11/01	Time: 16:36



2.22391

Maximum histogram value = 2000 ppb



Slate Bay Target - Rubicon Minerals Corporation		
View Azimuth: 165.00	Looking west - +/- 50 m	Section 1 of 3
Scale 1:500.00	Date: 06/11/01	Time: 16:36