

SELCO INC.

DRILL RECORD / JOURNAL DE SONDAGE

PROJECT PROJET	Victoria Lake	AZIMUTH	-	DRILLED BY SONDAGE PAR		HOLE NO. NO. DU TROU	258	LOCATION ENDROIT	Buchans Coordinates N12,500, E11,300 Elev. 870'			
PROPERTY PROPRIÉTÉ	Buchans Option	DIP INCLINATION	-90	LOGGED BY JOURNAL PAR	J.G. Thurlow	SHEET NO. NO. DE FEUILLE	1	TOTAL DEPTH PROFONDEUR TOTALE	411'			
LICENCE/CLAIM PERMIS/CLAIM		CORE SIZE DIMENSION DE CARROTE	EX	STARTED DATE COMMENCÉE		COMPLETED DATE TERMINÉE	1930's	<table border="1"> <tr> <td>METRE</td> <td>DIP</td> <td>AZIMUTH</td> </tr> </table>		METRE	DIP	AZIMUTH
METRE	DIP	AZIMUTH										

FROM DE	TO A	DESCRIPTION	SAMPLE NO. NO D'ÉCHANT.	FROM DE	TO A	LENGTH LONGUEUR	CORE RECOVERED CARNOTTE RECOURVRE	ASSAYS ANALYSES				Zn (ppm)	REMARKS / REMARQUES
								Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)		
		<u>PURPOSE OF HOLE</u> <u>OBJET DU TROU</u>											
0	54	Overburden											
54	87	Medium greenish, strongly foliated volcanics - foliation 70° to core - overall intermediate composition? - local pinhead quartz - strong deformation obscures protolith - possibly pyroclastic - suggestion of strongly deformed fragments (boudins?) in deformed matrix - disseminated pyrite varies from less than 1% to local 5%, overall, fairly pyritic - minor silicification	VD1365	74.0	78.0	4.0'	3.0'	25	0.4	87	18	82	
87	106.2	Late diabase, undeformed, chilled contact - numerous 1 mm round pyrite (amygdules?) - basal contact chilled 40° to core											
106.2	261.9	Medium creamy greyish, altered, foliated, pyritic felsic volcanics - overall tuffaceous aspect, but no diagnostic textures - pervasive moderate silicification with seams and anastomosing sericite - pyrite is disseminated, or in thin streaks or in seams generally less than 1 mm thick but locally up to 1 cm	1366 1367 1368 1369	106.2 111 121 131	111.0 116 126 136	 4.5' 4.5' 3.5'	 5.0' 4.5' 4.5' 3.5'	30 25 10 20	1.0 0.8 0.4 0.6	17 50 84 60	90 170 40 392	148 1328 460 1792	

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PROJECT
PROJET Buchans OptionHOLE NO.
NO. DU TROU 258SHEET NO.
NO. DE FEUILLE 2

FROM DE	TO A	DESCRIPTION	SAMPLE NO. D'ÉCHANT	FROM DE	TO A	LENGTH LONGUEUR	CORE RECOVERED CARNOTE RECOURVRE	ASSAYS ANALYSES				
								Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
261.9	297	- local traces Pb-Zn-Cu associated with pyrite seams and in thin fractures - a few augened 1 mm quartz eyes - foliation sericite and pyrite seams generally 70-90° to core 169-199' Very fine grained, strongly foliated, medium greyish greenish (tectonite?) - less felsic than enclosing rocks - 1-2% disseminated pyrite 171-199' - similar to 106.2-169' - pyritic, foliated, sericitized, silicified - several quite pyritic sections, eg. 25% py 172-173' - 199-211' previously split core - buff to flesh coloured silicified and sericitized with seams pyrite and minor Pb-Zn - 211-221' - not previously split - similar to 199-211' - traces only base metal - 221-231' previously split core, as 199-211' - 231-261.9' medium greyish sericitic pyritic silicified foliated felsic (tuff?) - 1 mm quartz eyes, locally 2 mm - basal contact fully cored and no more sheared than ambient rocks	VD1370	142	147		5.0'	45	1.0	35	126	372
			1371	152	157		4.5'	30	1.4	1117	1218	5920
			1372	164	169		2.0'	45	2.0	208	1822	5128
			1373	169	171		2.0'	< 5	0.6	68	52	308
			1374	171	176		4.0'	50	6.2	133	252	2040
			1375	182	187		3.5'	25	3.2	61	280	740
			1376	193	199		3.0'	90	23.0	164	864	2046
			1377	199	205		5.5'	45	4.2	44	216	890
			1378	205	211		5.0'	125	25.0	45	234	558
			1379	211	216		5.0'	15	1.4	8	126	324
			1380	216	221		5.0'	35	3.6	153	184	662
			1381	221	226		5.0'	85	3.8	115	286	2096
			1382	226	231		5.0'	130	10.6	233	1278	4142
			1383	237	242		4.5'	65	5.2	30	104	294
			1384	247	252		5.0'	50	8.0	425	88	2278
297	307	- More massive, foliated, quartz-eye bearing felsic rock, altered, pyritic - possibly a synvolcanic intrusive - beige colour - quartz generally augened and 1-2 mm, locally 5 mm - alteration is silicification, sericite and local definite pyrophyllite seams, minor brownish carbonate? veinlet - pyrite disseminated and in thin streaks - average 1%, i.e. much less pyritic than units above - basal contact abrupt and broken - Prominent-quartz-bearing foliated felsic rock - quartz eyes average 5 mm, locally 8 mm, augened and with appearance of ductile shear - foliation defined by sericite streaks, pyrite seams and minor possible pyrophyllite - pyrite averages 2% - less silicified than previous units - knife sharp cored contact at 307'	1385	257	261.9		3.0'	35	1.8	112	22	68
			1386	261.9	267		3.5'	< 5	0.2	10	10	16
			1387	272	277		4.0'	< 5	0.4	42	42	188
			1388	282	287		4.0'	< 5	0.2	5	12	16
			1389	292	297		3.5'	< 5	0.2	17	10	28
			1390	297	302		3.0'	< 5	0.4	185	28	68
			1391	302	207		3.0'	< 5	0.2	45	22	38

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PROJECT
PROJET Buchans OptionHOLE NO.
NO. DU TROU 258SHEET NO.
NO. DE FEUILLE 3

FROM DE	TO A	DESCRIPTION	SAMPLE NO. N ^o D'ÉCHANT	FROM DE	TO A	LENGTH LONGUEUR	CORE RECOVERED CARROTE RECOURVRE	ASSAYS ANALYSES				
								Au (ppm)	Ag (ppb)	Cu (ppb)	Pb (ppb)	Zn (ppb)
307	317	Very similar to 261.9-297' Quartz eye bearing more massive lithology - sericitic with some pyrophyllitic seams - poor recovery at bottom contact	VD1392	312	317		4.5'	< 5	0.2	10	14	26
317	411	Felsic lithology - quartz-eyes generally 1-2 mm - pyritic, sericitic, foliated, somewhat silicified - overall, similar to 106.2-261.9' - local traces Pb-Zn - anomalous bright green mica appears around 347' and is weakly developed to 369', moderately developed 369-386', very prominent 386-397', absent 397-411' - 397-411' very little recovery in pyritic, sericitic strongly sheared felsic lithologies - bottom few pieces look like brownish felsite intrusive - core recovery below 332 becomes abruptly very poor i.e. 332-441 = 79' 20% recovered	1393	327	332		4.0'	< 5	0.2	36	18	42
			1394	347	357		5.0'	< 5	0.2	5	92	170
			1395	357	369		4.5'	< 5	0.2	121	26	96
			1396	369	386		3.5'	< 5	0.2	8	30	90
			1397	386	397		1.5'	< 5	0.2	41	22	74
			1398	397	411		3.0'	< 5	0.2	69	26	150

J. TUACH GEOLOGICAL CONSULTANTS, INC.
DIAMOND DRILL CORE LOG

LATITUDE _____
DEPARTURE 12,500N 11,300E
ELEVATION (870')
DIP AT COLLAR -90°
BEARING _____
TOTAL DEPTH 411' CORE SIZE Ex
REMARKS _____

Tests
Depth

Dip

Magnetic
Bearing

Corrected
Bearing

Project No. _____ Hole No. 258
Property Buchans - Middle Branch
NTS _____ Grid Name Mine grid
Date started 1937 Completed _____
Contractor _____

Logged by J. Harris (1996)

Depth & Lithology	Description	Alteration	Mineralization
0 - 54'	- Overburden		
54 - 86.5'	- Mafix volcanic - tuff? - Medium green, gritty look - very likely tuff - Andesite? moderate to strong foliation - folded down to about 60' - 60 - 86.5' - 80 - 90° to the core - Conformable calcite wisps	Chloritic alteration	<1% Pyrite
86.5 - 106'	- Mafic dyke - grey to black, fine grained, magnetic		
106 - 400'	- Felsic volcanic altered - Mainly quartz sericite schist as in 395 - Buff to grey colour - strongly foliated - Foliation mostly at 75 - 85° to the core but is often folded and kinked - locally to along core - 264 - 310 - light pink colour with faint quartz and/or feldspars - May have been rhyolite porphyry 297 - 307 some fairly prominent quartz	Strong quartz - sericite alteration 386 - 397 ≈ 5% bright green mica. About ½ the core has been recently sampled sawed. Every 2nd 5' interval from ≈ 197 - 211 was split when drilled	About 5% Pyrite over full unit mainly as concordant bands but some disseminated. Local zones with up to 20% Pyrite Strongest Pyrite from ≈ 167 - 184' Local bands and disseminations of Pb-Zn, minor cpy.
400 - 411'	- Only rubble left - first 3 - 4' look like mafic to intermediate fragmental - Lower part is rhyolite prophyry - maybe intrusive	(4% Pb and 6 - 9% Zn 205 - 205.2'?)	
	E.O.H.		

