

SELCO INC.

DRILL RECORD / JOURNAL DE SONDAGE

PROJECT PROJET	<u>Victoria Lake</u>	# ZIMUTH	<u>-</u>	DRILLED BY SONDAGE PAR	<u>Longyear</u>	HOLE NO. NO. DU TROU	<u>3319</u>	LOCATION ENDROIT	<u>N1800, E15,700</u>	Co-Ordinates
PROPERTY PROPRIÉTÉ	<u>Outside Buchans Option</u>	DIP INCLINATION	<u>-90°</u>	LOGGED BY JOURNAL PAR	<u>J.G. Thurlow</u>	SHEET NO. NO. DE FEUILLE	<u>1</u>	TOTAL DEPTH PROFONDEUR TOTALE	<u>507</u>	
LICENCE/CLAIM PERMIS/CLAIM	<u>A.N.D. Grant</u>	CORE SIZE DIMENSION DE CARROTE	<u>BQ</u>	STARTED DATE COMMENCÉE	<u>Nov. 7/85</u>	COMPLETED DATE TERMINÉE	<u>Nov. 9/85</u>			
								METRE	DIP INCLIN.	AZIMUTH

FROM DE	TO A	DESCRIPTION	SAMPLE NO. D'ECHANT.	FROM DE	TO A	LENGTH LONGUEUR	CORE RECOVERED CARROTE RECOURVE	ASSAYS ANALYSES								
								Au ppb	Ag ppm	Cu %	Pb %	Zn %				
		<u>PURPOSE OF HOLE</u> <u>OBJET DU TROU</u> To determine the nature, attitude and downdip extensions of alteration and mineralization in Hole #272														
0	63	Overburden												REMARKS / REMARQUES		
63	123	Altered, mineralized Felsic Volcanics - light to medium grey, moderately-strongly sericitized, silicified, 2-4% disseminated pyrite and minor galena- sphalerite-chalcopyrite, minor chloritic specks - primary textures largely obliterated - vague suggestion of fragmental textures - probably originally a rhyolite breccia-rhyolite sequence - primary 1mm - 2 mm quartz (cracked) - base metal sulphides evenly and finely disseminated and in < 1 mm veinlets - only an indirect association with pyrite - trace quantities of golden-honey coloured crystalline mineral in vugs and veinlets - sphalerite? - minor gouge seams, broken core and gouge 91-92' - minor fault - below , base metals less common, present only as local traces	15925 15926 15927 15928 15929 15930 15931 15932	63.0 67.0 72.0 77.0 79.1 84.0 89.0 94.0	67.0 72.0 77.0 79.1 84.0 89.0 94.0 100.0	4.0' 5.0' 5.0' 2.0' 4.9' 5.0' 5.0' 6.0'	20 20 30 30 25 25 15 25	0.2 0.4 0.6 1.0 1.0 0.4 0.6 0.4	0.01 0.01 0.03 0.15 0.07 0.02 0.02 0.05	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.01 0.03 0.31 1.74 1.15 0.29 0.02 0.01	Oriental East Grid Co-ordinates N1815 E16,085 - Casing left, hole Capped.				

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PROJECT
PROJET Victoria LakeHOLE NO.
NO. DU TROU 3319SHEET NO.
NO. DE FEUILLE 2

FROM DE	TO A	DESCRIPTION	SAMPLE NO. NO. D'ÉCHANT.	FROM DE	TO A	LENGTH LONGUEUR	CORE RECOVERED CARROTE RECOURUE	ASSAYS ANALYSES				
								Au ppb	Ag ppm	Cu %	Pb %	Zn %
123	182	- below 117', minor gouge seams and broken core - contact is gradational alteration facies and colour change; not a fault - Masked felsic fragmentals - medium grey green - 1 mm free quartz - lithologies darker coloured, less altered than 63-123' but may be otherwise similar - broken core, minor gouge seams throughout - weakly silicified, sericitized, chloritized, 1-2% pyrite - traces base metal sulphide - eg. galena at 155.5' - alteration is fracture controlled - local unusual texture looks like altered coarse intrusive - elsewhere like masked spherulitic textures (mottled darker blotches in lighter matrix) - 147-150' badly broken core, some gouge - 159-160' badly broken core, some gouge - soft white zeolite(?) in fractures - colour change at basal contact; contact is a zone of annealed shearing										
182	335	- Masked felsic fragmentals - light-medium buff-pinkish grey colours - more altered than 123-182' - weak to moderate silicification, minor sericitization, chloritization - $\angle$ 1% dissem. pyrite - local minor Pb-Zn in fractures, eg. 194-202' - diffuse 1-2 mm quartz - resembles felsic volcanics exposed around Power House - fairly hard - broken core, local gouge 215-230' - traces disseminated pyrite (and galena?) throughout - 230 onward - better recovery, same lithologies, moderate silicification, sericite - 230-247' definite traces honey sphalerite and galena - rock is "peppered" with traces fine grained greyish metallic (galena?) - 247-252' more greenish overall colour (sericite) - 247.0-247.4' traces bright green mineral - mariposite? copper oxide? - also contains abundant very fine grained metallic - galena? (as 230-247') - 252-335' colour is lighter again - medium greyish-greenish - akin to 230-247' - moderate silicification, sericite - original textures masked - some fragmentals - weak late calcite fracture fill - traces very fine grained metallic disseminated throughout as 230-252', which becomes less prominent below 256' but increases again 270' - 1% pyrite- local definite traces Pb-Zn	15933	194	199	5.0'		< 5	0.2	0.01	0.09	0.10
			15934	225	230	5.0'		< 5	0.2	<0.01	<0.01	0.01
			15935	242	247	5.0'		< 5	0.2	<0.01	<0.01	0.01
			15936	247	247.4	0.4'		< 5	0.2	<0.01	<0.01	0.03

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PROJECT
PROJET Victoria LakeHOLE NO.
NO. DU TROU 3319SHEET NO.
NO. DE FEUILLE 3

FROM DE	TO A	DESCRIPTION	SAMPLE NO. NO. D'ÉCHANT.	FROM DE	TO A	LENGTH LONGUEUR	CORE RECOVERED CAROTTE RECOURVÉE	ASSAYS ANALYSES				
								Au ppb	Ag ppm	Cu %	Pb %	Zn %
		- 268-271' 5 mm - 7 mm "prominent" quartz phenocrysts - 295.5-297' brecciation, silicification, quartz veining, minor pyrite - 297-298.3' py-cpy-gal-sphalerite in siliceous introduction - 298.3-302' quartz veined, somewhat sheared, pyrite, minor base metals - 304.5-319.5' - moderately-strongly silicified & sericitized - planar shearing 45-55° to core - at 309.6' - gouge - 309.6-314.0' streaks anomalous bright green "sericite" - minor disseminated pyrite, possible traces galena - 319.5-335' progressively masked and sheared felsic volcanics, some prominent quartz phenocrysts - weakly pyritic with traces fracture - controlled Pb-Zn, e.g. @ 326 and 328' - strong annealed shearing at basal contact	15937	295.5	297.0	1.5'		< 5	0.2	<0.01	<0.01	<0.01
			15938	297.0	298.3	1.3'		35	17.4	0.50	1.12	1.13
			15939	298.3	302.0	3.7'		< 5	0.2	0.02	0.03	0.07
			15940	309.6	314.0	4.4'		< 5	0.2	<0.01	<0.01	<0.01
335	355	Strongly sheared rocks - no gouge - no primary structures - shearing 45-55° to core - composition appears overall intermediate and lithologies appear related to overlying unit - local primary quartz grains - some darkish pyritic bands - local brecciation and fault-rounded lithics - local psuedo sedimentary bedding										
355	366	Sheared arkosic conglomerate and fine grained arkose										
366	374	Sheared, banded, maroon-red hematized basalt										
374	507	Arkose - brownish, fine-coarse grained, minor pebble conglomerate - considerable epidote fracture-fill - resembles some of "arkose" horizons in Lake 7 area - quartz, feldspar, pinkish rhyolite - becomes less fractured and masked downward - 2" gouge at 410' - 427-451' minor irregular streaks, blobs (disturbed beds) of greenish mudstone - overall impression is of bedding 60-80° to core - below 460' - gradually coarsens into conglomerate - some "prominent quartz" phenocrysts - minor gouge seams - 482-487' and 501-507' fairly typical "Footwall Arkose"										

5071 END