

Hole No.: BRO-014	Depth: 249.00 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	DON 101
Mining District:	Selwyn Basin	Grant Number:	Y 94966
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	486179.55 m	True Azimuth:	149.0 °
UTM Northing:	6929115.09 m	Hole Angle:	-56.0 °
Elevation (m):	1440.97 m	NTS Name:	Placer Creek
		UTM Datum:	NAD 83
		UTM Grid Zone:	9
		NTS Number:	150I06
Grid Co-Ordinates of Drill Hole Collar:			
Grid Easting (m):	0.00 m	Grid Name:	HP 06
Grid Northing (m):	0.00 m	Grid Type:	100m
Grid Azimuth:	210.0 °		
Dimond Drilling Contract:			
Drilled By:	NL-04	Date Drilling Start:	12-Jul-15
		Date Finish:	17-Jul-15
Diamond Drill Core:			
Logged By:	EH	Date Logging Start:	16-Jul-15
		Date Finish:	19-Jul-15
Legend for Core Logging Codes: PAX			
Core Size:	HQ3	Cemented:	No
Casing Depth:	5.30 m	Casing Pulled:	No
Water Depth:	0.00 m	Overburden Depth:	5.30 m
Level:		Section:	
		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

BRO-014

Hole Comments:

Sun, Jul 12 --- DS: Break out rods, hooked onto casing, tried to pull for one hour, too tight, left 9m down hole. Spent remainder of day moving to Brodel, BRO-SRK-04 to drill BRO-014. NS: Setup drill, fix water line at pump, anchor set to 20 feet, chained drill, set head to -55. Very blocky, running thick poly, remaing everything, hole is free. Take apart pressure pump 3 times (pieces of wood were plugging it)

Mon, Jul 13 --- DS: Lost return and run casing down to 15m, return came back, good going, lost return again at 44m. Pump heavy mud. Drilled 33m down to 45m. Used 1 blue, 1 gold, 1 canola oil, 1 550, 1 #1 poly. NS: Packer test at 45m and 51m, did not work. Running thick poly, put water retaining springs in back ends. Working very well, good drilling, wash hole for 1/2 hour for packer test for dayshift. Drilled 36m down to 81m depth. Currently observed up to 44m in FLMD.

Tue, Jul 14 --- DS: Normal drilling, drilled 81m down to 120m depth. Performed packer test, used 1 pail blue, 1 pail gold, 1 jug canola oil, 1 pail #1. NS: Airlift test from 0-123m, drilled 6m down to 126m, hole is good, mud mixer seal blowout, change mud mixer, no problem, don't have any hydraulic oil (6AM).

Wed, Jul 15 --- DS: Drilled 24m from 126-150m. Packer test from 12:30pm-3:00am. Drilling in and out of fault. Test @99m and 150m. NS: Drilled 42m from 150-192m. Good drilling. Washing at end of runs, running Poly. Current lithology unknown (waiting for core to arrive this morning)

Thu, Jul 16 --- DS: Drilled from 192-225m. Performed packer test from 7:00am to 10:00am. NS: Drilled down to EOH@252m. Broken and blocky drilling with bit change at 237m- ream 6m out of casing and ream 9m to bottom, washing. Survey at 252m. BSSM at last observed core (up to 189.5m). Currently lithology unknown as core still at drill.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-56.0	149.0
24.00	-56.0	149.7
81.00	-54.7	153.4
99.00	-54.0	153.9
150.00	-52.6	156.3
201.00	-50.9	158.6
249.00	-48.8	158.9

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BRO-014

Selwyn Chihong Mining Ltd.
#2701- 1055 West Georgia
Vancouver, British Columbia
Canada, V6E 0B6

From (m)	To (m)	Rocktype & Description	Sample ID	From (m)	To (m)	Width (m)	Pb (%)	Zn (%)	Ag (ppm)	Cd (ppm)	Pb% / Zn%
0.00	5.30	OVBR									
« 0.00- 5.20 No core was recovered » « 5.20- 5.30 Several pieces of autochthonous debris »											
5.30	84.20	FLMD									
FLMD – Flaggy Mudstone Formation Dark grey mudstone in the upper portions of the unit grading into light grey mudstone to siltstone. Contains abundant wispy bioturbation which ranges from randomly-oriented at the top of the unit to bedding-parallel throughout the majority of the unit. Darker upper section has a strong fetid odour along broken surfaces. « btrb 0.10-2.00cm », « cg xtl crns ca 1.00-5.00% 5.00-150.00cm », « crns py 1.00-5.00% 0.10-0.50mm », « 0.00- 90.70 Oxidization zone of limonite and minor hemimorphite » « 5.30- 84.20 Barite alteration and barite infills in fractures are present in places, bioturbation strucures are mostly deformed, locally with shear sense and ductile deformations, S-C fabrics; stretched pyrite porphyroblasts; L-tectonite, minor hemimorphite, pressure calcite shadows associated with pyrite porphyroblasts are seen; for S-C fabrics: C orienataion dips 22° to southeast 103° » « 10.10- 15.50 FLT with core loss; no cohesive strength; parallel with S1; rubble; the orientation is to dip 70° to northeast 34° ; with limonite; shear sense deformed bioturbations; barite alteration; and minor hemimorphite » « 40.80- 45.40 Echelon structures indicating shear zone dipping 22° to southeast 103° »« @ 54.50 Bioturbation structures dip 71° to southwest 264° » « @ 73.40 Deformed bioturbations dip 57° to southwest 268° » « @ 82.00 Contact between USMS and FLMD is 61° TCA »											

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84.20	135.10	USMS									
<i>USMS – Upper Siliceous Mudstone</i>											
<i>Consists of interlaminated dark grey to black mudstone and light to medium grey chert. Regionally, a 1m thick graptolite zone occurs 15m below the top of the upper unit, this is usable as a horizon. The USMS is divided into 3 units. The Lower Unit contains abundant limestone concretions and Galena and sphalerite micro-concretions occur locally near the base of this unit. « gra , lm chrt -20.00% », « cg xtl sph crns ca 5.00-20.00cm », « bed chrt 10.00-15.00% »,</i>											
<i>« 84.20- 135.10 Oxidization down to 90.7m, comprising limonite, jarosite and minor hemimorphite, and some barite asl well »</i>											
<i>‹ @ 101.40 Cleavages dip 89° to west northwest 276° ›</i>											
<i>‹ @ 103.00 Cleavages dip 59° to northeast 24° ›</i>											
<i>‹ @ 119.60 Possible bedding dips 28° to southwest 191° ›</i>											
<i>« 100.00- 128.60 A high strain zone with ductile deformed features of boudinages and asymmetric folds »</i>											
<i>‹ @ 131.00 Cleavage dips vertically ›</i>											
<i>« 133.60- 135.00 FLT with rubble pieces; fault gouge; low cohesive strength; parallel with S1; it dips 34° to northeast 36° »</i>											
135.10	249.00	FLMD									
<i>FLMD – Flaggy Mudstone Formation</i>											
<i>Dark grey mudstone in the upper portions of the unit grading into light grey mudstone to siltstone. Contains abundant wispy bioturbation which ranges from randomly-oriented at the top of the unit to bedding-parallel throughout the majority of the unit. Darker upper section has a strong fetid odour along broken surfaces. « btrb 0.10-2.00cm », « cg xtl crns ca 1.00-5.00% »</i>											

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5.00-150.00cm	»	« crns py 1.00-5.00% 0.10-0.50mm »									
		« 135.10- 249.00 The stratigraphic sequence of USMS to FLMD is not likely due to folding, overturning or other structural influence; but most likely from bending drilling trace curving into « USMS » from « FLMD » then back to « FLMD »; contact between « USMS » and « FLMD » is normal contact without sudden change in either color or lithology or even orientation »									
		« 139.60- 143.50 FLT with shear sense, minor fault gouge; low cohesive strength; S-C fabrics; and echelon arrays of calcite dip 36° to southwest 258° »									
		« 147.00- 152.00 Barite pyrite altered silicified hydrothermal breccia with dilational features, veins and veinlets »									
		« @ 153.90 Cleavages dip 39° to southwest 223° »									
		« 154.60- 157.40 Shear zone with echelon arrays, dipping 4° to southeast 150° »									
		« 158.80- 160.80 FLT with fault gouge; healed breccia; low cohesive strength; not parallel with S1; broken; barite altered; but no Zn mineralization »									
		« @ 160.90 Helicitic pyrite porphyroblast; pressure shadow calcite »									
		« @ 165.90 Cleavages dip 50° to southwest 250°, next to helicitic pyrite porphyroblast, shear sense deformation »									
		« @ 166.00 Cleavage dips 70° to northeast 33° »									
		« @ 167.30 Calcite barite vein dips 31° to northeast 71° and another set dips 55° to southwest 55° »									
		« @ 188.20 Joint dips 45° to northeast 18° »									
		« @ 188.60 Fractures next to stretched, rotated helicitic pyrite porphyroblast dips 65° to north »									
		« @ 189.40 Shear zone dips 58° to northeast 52° »									
		« @ 189.70 Foliation dips 43° to southwest 252° »									

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		<p> ‹ @ 189.80 Possible S0 dips 50° to southwest 242° › ‹ @ 198.10 Fractures dip 59° to northeast 35° › ‹ @ 196.20 Foliation dips 42° to west northwest 291° › ‹ @ 197.10 Shearing C dips 34° to east southeast 98° › ‹ @ 198.10 Shearing surface dips 59° to northeast 35° › ‹ @ 201.20 Foliation dips 10° to southeast 150° › ‹ @ 203.20 Cleavage dips 59° to west northwest 295° › ‹ @ 219.20 Echelon calcite arrays, dextral shear sense › </p> <p>« 219.80- 2274.00 L-tectonite deformation of stretched pyrite porphyroblasts and pressure calcite shadows and boudinage structures as well »</p> <p>« 225.00- 227.40 FLT healed fault breccia with stockworks and anastomosing veins, with minor barite alteration, compressional features »</p> <p> ‹ @ 241.00 Quartz calcite barite vein dips 69° to southwest 249° › ‹ @ 242.50 Foliation dips 62° to southwest 244° › ‹ @ 245.00 Shearing dips 56° to east northeast 89° › </p>									
249.00	249.00	EOH									