

Hole No.: BRO-018	Depth: 234.00 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	DON 101
Mining District:	Selwyn Basin	Grant Number:	Y 64966
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	486356.12 m	True Azimuth:	27.5 °
UTM Northing:	6929000.34 m	Hole Angle:	-56.0 °
Elevation (m):	1500.72 m	NTS Name:	Placer Creek
		UTM Datum:	NAD 83
		UTM Grid Zone:	9
		NTS Number:	105I06
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:	85.0 °		
Dimond Drilling Contract:			
Drilled By:	NL-04	Date Drilling Start:	24-Jul-15
		Date Finish:	29-Jul-15
Diamond Drill Core:			
Logged By:	EH and H.Grimson	Date Logging Start:	25-Jul-15
		Date Finish:	8-Aug-15
Legend for Core Logging Codes: PAX			
Core Size:	HQ3	Cemented:	No
Casing Depth:	15.80 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	15.80 m
Level:			
Section:		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

BRO-018

Hole Comments:

Fri, Jul 24 --- DS: Moved to new set up BRO-801 (BRO-018) HQ3 Metallurgical target. Setup second pump and sling waterline with helicopter, flew geology materials from drill. NS: Burn in anchor at 9m, chain drill and set head. Reaming in soft rock and clay. Good rock begins at 24m. Survey at 18m. Set casing and anchor. NS: Drilled. Current lithology unknown as core still at drill.

Sat, Jul 25 --- DS: Drilled from 24-48m. Broken and blocky drilling, lost return at 30m and back again at 40m. Broken wire line, pull rods. NS: Drilled from 48-69m. Dry hole at 54m, install water retaining springs. Bit change at 66m, bad FLT at 66m. Full return back at 69m.

Sun, Jul 26 --- DS: Drilled from 69-105m. Broken ground, water slow to return in some sections. First survey not good; second survey needed. Change oil and filter on drill engine. NS: Drilled from 105-147m. Good drilling with no delays. Current lithology unknown as core still at drill. Last observed lithology: FLMD @74.8m.

Mon, Jul 27 --- DS: Drilled from 147-161m. Broken and blocky starting at 150.5m. Reaming. Rods stuck at 160m and pulled. More reaming. Replace wireline. Start rod pull to change bit at end of shift. NS: Drilled from 161-192m. Bit change, blocky and broken, running thick poly and extra washing and end of runs. Reaming to keep hole free. Current lithology unknown as core still at drill. Last observed USMS at 160m.

Tue, Jul 28 --- DS: Drilled to 204.2m in blocky ground. Fifth man replaced driller. NS: Drilled to 231.5m. Intersected ACTM from 182.7-216.2m and CCMS down to 231.5m. Hole shut down at shift change.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-56.0	27.5
18.00	-55.7	27.4
50.00	-55.4	27.2
100.00	-53.6	27.3
150.00	-50.6	29.3
204.00	-48.6	30.1
230.00	-48.2	29.9

Selwyn Project Diamond Drill Log

Hole Number:
BRO-018

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	15.80	OVBR									
<p>« 0.00- 9.00 No core was recovered »</p> <p>« 9.00- 12.00 Allochthonous sediment »</p> <p>« 12.00- 15.80 Autochthonous sediment of the underneath bedrock »</p>											
15.80	116.70	FLMD									
<p><i>FLMD – Flaggy Mudstone Formation</i></p> <p><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% 5.00-150.00cm », « crns py 1.00-5.00% 0.10-0.50mm »,</i></p> <p>‹ @ 15.80 contact to USMS: 52° ›</p> <p>« 12.00- 115.70 Oxidization zone of limonite, goethite and jarosite as well as hemimorphite and barite overprinting filling in fractures and foliations/cleavages »</p> <p>« 15.80- 21.10 Weathered oxidized soil formation zone with minor barite alteration »</p> <p>« 21.10- 39.00 FLT with broken pieces; strongly oxidized with abundant limonite and goethite, barite altered, anomalous Zn »</p> <p>« 15.80- 116.70 High strain zone with deformed bioturbations, pressure shadowed pyrite porphyroblasts, as well as S-C fabrics »</p> <p>‹ @ 32.60 Barite hydrothermal veinlet with 0.35% Zn by Niton. Foliations and fractures nearly 0° TCA ›</p> <p>‹ @ 59.20 Stretched L-tectonite of broken pyrite porphyroblasts ›</p>											

Selwyn Project Diamond Drill Log

Hole Number:
BRO-018

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%
		<p>« 66.00- 69.60 FLT with core loss; fault gouge; no cohesive strength; barite veinlets; possible slickenside $\alpha=18^\circ$ TCA not parallel with S1 »</p> <p>‹ @ 71.00 Possible bedding $\alpha=88^\circ$ TCA ›</p> <p>‹ @ 89.20 Stretched porphyroblasts of pyrite and L-tectonite, down dip drilling ›</p> <p>« 109.20- 110.90 Hydrothermal vein with anomalous Zn »</p>									
116.70	179.00	USMS	E5574760	177.00	178.00	1.00					
USMS – Upper Siliceous Mudstone			E5574761	178.00	179.00	1.00					
<p>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% »,</p> <p>‹ @ 117.90 Folded laminations without Zn; $\alpha=76^\circ$ TCA ›</p> <p>« 116.70- 130.90 not very banded in this region; typical of upper USMS »</p> <p>‹ @ 130.90 planar pyritic bands 43° ›</p> <p>« 130.91- 172.30 deformed/crenulated veins, graphitic fracture surfaces, several radial-calcite altered limestone concretions »</p> <p>‹ @ 137.40 banding and graphitic jointing 39° ›</p> <p>« 150.70- 152.90 parallel joint region, follows planar banding 43°»</p>											

Selwyn Project Diamond Drill Log

Hole Number:
BRO-018

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%
		« 159.80- 162.00 FLT; core loss, 0.1m recovery from 161.2-162.0m; low angle fracture with poor cohesive strength and minor gg »									
		« 162.00- 165.40 radial calcite altered limestone and mudstone host with significant calcite veining near parallel TCA and with branching, 30% veining, calcite locally brecciates angular limestone clasts »									
		« 169.50- 171.00 sheared region, qtz-calcite infill of ±extensional fractures in sheared silicified mudstone; stylolitic healed fractures »									
		« 172.30- 179.00 silicified lower USMS with typical crackle microfaulting »									
179.00	216.10	ACTM	E5574762	179.00	180.00	1.00					
		ACTM – Active Member	E5574763	180.00	181.00	1.00					
			E5574764	181.00	182.00	1.00					
		The ACTM consists of a repetitive, possibly rhythmic, sequence of intercalated carbonaceous mudstone, cherty mudstone, chert and limestone and locally contains economically significant Zn and Pb sulphides (see bold marked facies), mainly in its sections with well developed lamination. Because of its heterogeneity, the member is distinctive and easily identified.	E5574765	182.00	182.70	0.70					
			E5574766	182.70	183.10	0.40					
			E5574767	183.10	183.70	0.60					
			E5574768	183.70	184.40	0.70					
			E5574769	184.40	185.20	0.80					
			E5574770	185.20	186.00	0.80					
		=====	E5574771	185.20	186.00	0.80					
		The ACTM has 8 different facies:	E5574772	186.00	187.00	1.00					
		=====	E5574773	187.00	187.80	0.80					
			E5574774	187.80	188.40	0.60					
		- GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.	E5574775	188.40	189.20	0.80					
			E5574776	189.20	190.00	0.80					
			E5574777	190.00	191.00	1.00					
		- WHITISH GREY ZN-PB MUDSTONE FACIES: Is a laminated cherty rock containing up to 70% sulphides. Mineralization: quartz, sphalerite and galena are the major minerals with only minor amounts of pyrite and locally calcite. Sedimentary diagenetic structures are common and well displayed in the facies, such as:	E5574778	191.00	192.00	1.00					
			E5574779	192.00	193.00	1.00					
			E5574780	193.00	193.00	0.00					
			E5574781	193.00	194.00	1.00					

Selwyn Project Diamond Drill Log

Hole Number:
BRO-018

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%
<p><i>lamination, pseudo-beds, calcite nodules & limestone nodules and abundant water escape structures. Most obvious structure in facies is cross-cutting veins containing massive sphalerite and galena with minor pyrite. They range in width from 0.5 to 10mm.</i></p> <p>- <i>THIN BEDDED CHERTY MUDSTONE FACIES: Consists of rhythmic intercalated laminae of chert, carbonaceous mudstone and minor micrite. This facies contains significant amounts of Zn and Pb sulphides.</i></p> <p>- <i>CHERTY MUDSTONE FACIES: Consists of a greyish black monotonous siliceous, carbonaceous mudstone. It is most typically found overlying the thin bedded calcareous mudstone facies.</i></p> <p>- <i>THIN BEDDED CALCAREOUS MUDSTONE FACIES: Consists of laminated carbonaceous mudstone containing 20-40% calcite, 40-55% quartz and 10-20% muscovite. Sulphides occur in laminae. In the XY area it is usually the lowest facies in the section to contain laminated sulphides.</i></p> <p>- <i>CALCAREOUS MUDSTONE FACIES: Consists of grey to greyish black monotonous, calcareous siliceous carbonaceous mudstone. There are no feathery calcite beds or pyrite-calcite blebs in the facies, making it easily distinguishable from the CCMS.</i></p> <p>- <i>GRADED LIMESTONE FACIES: Is a laminated argillaceous limestone with intercalated carbonaceous limestone laminae. The main rock type in the facies is laminated limestone with laminae up to 0.1-7mm thick.</i></p> <p>- <i>LIGHT GREY BASAL LIMESTONE FACIES - LGLS: Consists of laminated argillaceous limestone. In the Anniv area it marks the end of the ACTM. It's not always present in the stratigraphy.</i></p> <p>- <i>BASAL FACIES: This is a highly contorted and locally foliated carbonaceous mudstone. Unlike the other facies it is not repeated higher in the member. It</i></p>			E5574782	194.00	195.00	1.00					
			E5574783	195.00	195.50	0.50					
			E5574784	195.50	196.50	1.00					
			E5574785	196.50	197.50	1.00					
			E5574786	197.50	198.40	0.90					
			E5574787	198.40	198.90	0.50					
			E5574788	198.90	199.90	1.00					
			E5574789	199.90	201.00	1.10					
			E5574790	201.00	201.00	0.00					
			E5574791	201.00	201.80	0.80					
			E5574792	201.80	202.50	0.70					
			E5574793	202.50	203.10	0.60					
			E5574794	203.10	204.10	1.00					
			E5574795	204.10	204.60	0.50					
			E5574796	204.60	205.40	0.80					
			E5574797	205.40	206.60	1.20					
			E5574798	206.60	207.40	0.80					
			E5574799	207.40	208.40	1.00					
			E5574800	208.40	208.70	0.30					
			E5574801	208.40	208.70	0.30					
			E5574802	208.70	209.50	0.80					
			E5574803	209.50	210.50	1.00					
			E5574804	210.50	211.50	1.00					
			E5574805	211.50	212.50	1.00					
			E5574806	212.50	213.50	1.00					
			E5574807	213.50	214.50	1.00					
			E5574808	214.50	215.50	1.00					
			E5574809	215.50	216.10	0.60					

Selwyn Project Diamond Drill Log

Hole Number:
BRO-018

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%
		<p><i>appears locally to contain the slip zone of a major slump. The facies has only been observed in the YX area. It is 0.1-2m thick. The facies consists of massive carbonaceous siliceous mudstone with lenses and laminae of contorted, slightly carbonaceous chert.</i></p> <p>« 179.00- 183.10 TRACE mineralization; laminated, very sheared and deformed laminated bands, local limestone concretions/beds <20cm ±sheared and brecciated contacts; 0 -0.1% Zn »</p> <p>« 183.10- 183.70 MODERATE grade; deformed laminated mudstone and silicified limestone (non calcareous), very pyritic (bands and overprinting); %Zn/Pb-by-XRF: 5.1/0.2 3.51/0.1 »</p> <p>« 183.70- 184.40 BARREN unmineralized carbonaceous mudstone and 75% limestone with radial calcite alteration of limestone. »</p> <p>« 184.40- 187.80 BARREN; calcareous limestone, minor silicified mudstone with graphitic seems; massive with narrow laminated and graded bands »</p> <p>« 187.80- 188.40 TRACE-HIGH; variable interval with <20cm of high grade mineralization followed by trace mineralization; microfractured+brecciated faulted region with cemented gg and alligned graphitic planes (α=26°); %Zn/Pb-by-XRF: 13.9/3.5, 0.6/0, 0/0 »</p> <p>« 188.40- 190.00 BARREN-TRACE massive limestone, medium grained, 20cm of moderate mudstone, massive with calcite veins with secondary sphalerite crystalization; %Zn/Pb-by-XRF: 0/0., 3.7/0.2, 0.1/0, 0/0, 0/0 »</p> <p>« 190.00- 195.50 MODERATE; limestone (calcareous, massive with galena flecks) and minor well-laminated mudstone, galena blebs; grainy calcite (yellow-white) crystalization in open fractures; %Zn/Pb-by-XRF: 18.3/0.6, 3.8/0.5, 0.7/0.0, 2.2/0.2, 3.2/0.3, 2.2/0.0, 3.97/0.2, 1.2/0.2, 0.2/0.1, 4.6/1.0, 3.1/0.2, 1.6/0.0, 1.7/0.0, 0.5/0.0 »</p> <p>« 195.50- 197.50 MODERATE-HIGH grade; mudstone with highly deformed</p>									

Selwyn Project Diamond Drill Log

Hole Number:
BRO-018

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%
		<p><i>laminations, weakly calcareous, local limestone; bands of fine grained disseminated sphalerite, secondary orange sphalerite crystals; %Zn/Pb-by-XRF: 2.5/4.0, 1.6/0.2, 4.2/0.3, 4.1/0.5, 12.6/2.3, 3.0/0.7, 16.4/1.5, 0.1/0.0, 2.47/0.74 »</i></p> <p>« 197.50- 198.40 HIGH grade; massive limestone with frequent parallel TCA fluid escape structures with metallic lustre and disseminated fine grained sphalerite+galena; beige-light grey in colour; %Zn/Pb-by-XRF: 11.8/4.0, 9.2/3.9, 0.3/0.0, 16.8/3.2 »</p> <p>« 198.40- 198.90 HIGH grade; silicified well laminated mudstone, highly deformed and folded laminations, weakly calcareous; %Zn/Pb-by-XRF: 7.5/1.0, 3.1/0.2 »</p> <p>« 198.90- 201.80 LOW-BARREN; intercalated mudstone and massive limestone; yellow calcite coats open fractures; 0.4/0.0, 0.0/0.0, 6.7/0.3, 0.0/0.0, 0.0/0.0, 0.0/0.0»</p> <p>« 201.80- 203.10 MODERATE grade; siliceous mudstone and minor limestone, light-dark grey, weakly laminated, minor galena; 3.7/2.0, 1.8/0.0, 2.7/0.1, 0.7/0.0 »</p> <p>« 203.10- 204.10 BARREN-LOW grade; massive pale grey limestone with localized banding, thick calcite coating on some open fractures; localized moderately mineralized band 0.0/0.0, 4.7/0.3, 0.1/0.0, 0.0/0.0, 0.0/0.0 »</p> <p>« 204.10- 204.60 BARREN; silicified mudstone, laminated, crackle microfaulted, calcite coated open fractures »</p> <p>« 204.60- 205.40 TRACE-BARREN; massive with local faint laminations; calcareous; 0.0/0.0, 0.1/0.0 »</p> <p>« 205.40- 206.60 LOW-TRACE; silicified mudstone, microfractured region, broken and partially healed; α=32° »</p>									

Selwyn Project Diamond Drill Log

Hole Number:
BRO-018

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%
<p>« 206.60- 208.40 BARREN-TRACE; massive light-medium grey limestone (206.6-207.6) followed by silicified barren mudstone (non calcareous); 1.3/0.2, 0.0/0.0, 0.0/0.0, 0. 0/0.0, 0.1/0.0 »</p> <p>« 208.40- 208.70 TRACE; FLT: weakly cemented gouge matrix with sub-rounded mudstone clasts; 0.5/0.1 »</p> <p>« 208.70- 212.50 BARREN; wavy banded limestone and mudstone with wavy calcite bands, graphitic fracture surfaces; resembles "USMS"; from 212.0-212.5m: jointed region, graphitic planes±minor gg-filled joints; »</p> <p>« 212.50- 216.10 BARREN limestone, faint grey, typical basal texture, minor calcite veins; 0.0 »</p>											
216.10	234.00	CCMS	E5574810	216.10	216.10	0.00					
CCMS – Calcareous Mudstone			E5574811	216.10	217.10	1.00					
<p>Massive, calcareous, carbonaceous, dark grey mudstone. Most of the member is massive, but rare poorly defined bedding and pyrite-calcite micro-concretions are present. Most diagnostic structures are feathery calcite beds (=thin calcite-cemented concretions, many of them contain pyrite cores) and calcite pseudo-beds (= fibrous calcite vein parallel to bedding).</p> <p>« lm ca 5.00-10.00mm », « nodules py -3.00% 2.00-20.00mm »,</p> <p>« 216.90- 219.70 graphitic jointing with 10% calcite bracking-veining and overprinting, common joint angle @44° »</p> <p>« 220.40- 222.00 jointed with gg section up to 20cm with graphitic clasts (fine grained), <0.5cm joint spacing 40°»</p> <p>« 224.30- 227.80 extremely spaced jointing, dominantly non-graphitic, <0.5cm spacing 44°»</p> <p>« 228.90- 230.30 FLT; jointed with gg section and rubble 38°»</p>			E5574812	217.10	218.10	1.00					
			E5574813	218.10	218.10	0.00					
234.00	234.00	EOH									