

Hole No.: BRO-027	Depth: 72.00 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	DON103
Mining District:	Selwyn Basin	Grant Number:	Y 64968
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	485909.78 m	True Azimuth:	25.0 °
UTM Northing:	6929258.03 m	Hole Angle:	-60.0 °
Elevation (m):	1337.29 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:	08-Aug-15
		Date Finish:	09-Aug-15
Diamond Drill Core:			
Logged By:	EH	Date Logging Start:	20-Aug-15
		Date Finish:	21-Aug-15
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	6.30 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	6.30 m
Level:		Section:	
		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

BRO-027

Hole Comments:

Sat, Aug 08 --- DS: Drilled 27m down to total depth of 242.0m on BRO-029. Shut down at 242.0m in CCMS. Intersected ACTM from 170.0-228.6m. Performed end of hole test. Packed up and moved drill at end of shift, day shift, day shift stayed late to complete move to pad BRO-803 to drill BRO-027. NS: Drilling on BRO-027 (BRO-803), drilled down to 42m with 6m of casing, blocky all night, did a survey at 12m, hole is making water. Current lithology unknown as core is still at drill.

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Sun, Aug 09 --- DS: Drilled 31m down to total depth of 72.0m on BRO-027. Shut down in CCMS. Intersected ACTM from 20.6-51.0m. Tore down, packed up and moved to BRO-902 to drill BRO-031. Move took right until end of pilots duty day. NS: Finished setting up, took a long time to set an anchor. Put in 9m of casing, drilled to 18m, pulled out and reset casing to 18m, drilled to 27m. Current lithology unknown as core is still at drill.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-60.0	25.0
12.00	-60.3	25.0
69.00	-59.9	24.0

Selwyn Project Diamond Drill Log

Hole Number:
BRO-027

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	6.30	OVBR									
« No core was recovered »											
6.30	14.70	USMS	E5575360	12.70	13.70	1.00					
USMS – Upper Siliceous Mudstone			E5575361	13.70	14.70	1.00					
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% », « 6.30- 14.70 High strain zone characterized by shear sense ductile deformations and graphitic steplike slickensides. It is a fault damage zone with broken core and low cohesive strength; slickenside orientation $\alpha=31^{\circ}$ TCA ; barite alteration occurs along foliations, which is associated with some hemimorphite @13.4m, 0.75% Zn by Niton. In black carbonaceous mudstone barite-Ni-Cu-Zn-pyrite hydrothermal vein/breccia was noted »											
14.70	50.90	ACTM	E5575362	14.70	15.10	0.40					
ACTM – Active Member			E5575363	15.10	15.80	0.70					
			E5575364	15.80	16.80	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.			E5575365	16.80	17.80	1.00					
			E5575366	17.80	18.80	1.00					
			E5575367	18.80	19.80	1.00					
			E5575368	19.80	20.80	1.00					
			E5575369	20.80	21.60	0.80					
			E5575370	21.60	22.60	1.00					
=====			E5575371	21.60	22.60	1.00					
The ACTM has 8 different facies:			E5575372	22.60	23.40	0.80					
=====			E5575373	23.40	24.10	0.70					
			E5575374	24.10	25.10	1.00					
- GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.			E5575375	25.10	26.20	1.10					
			E5575376	26.20	26.60	0.40					

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From (m)	To (m)	Rocktype & Description	Sample ID	From (m)	To (m)	Width (m)	Pb (%)	Zn (%)	Ag (ppm)	Cd (ppm)	Pb% / Zn%
<p>- <i>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: 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</i></p>			E5575377	26.60	27.20	0.60					
			E5575378	27.20	28.20	1.00					
			E5575379	28.20	28.90	0.70					
			E5575380	28.90	28.90	0.00					
			E5575381	28.90	29.90	1.00					
			E5575382	29.90	31.10	1.20					
			E5575383	31.10	31.70	0.60					
			E5575384	31.70	32.30	0.60					
			E5575385	32.30	32.70	0.40					
			E5575386	32.70	33.30	0.60					
			E5575387	33.30	33.90	0.60					
			E5575388	33.90	34.90	1.00					
			E5575389	34.90	35.90	1.00					
			E5575390	35.90	35.90	0.00					
			E5575391	35.90	36.90	1.00					
			E5575392	36.90	37.90	1.00					
			E5575393	37.90	38.50	0.60					
			E5575394	38.50	39.00	0.50					
			E5575395	39.00	39.50	0.50					
			E5575396	39.50	40.10	0.60					
			E5575397	40.10	40.50	0.40					
			E5575398	40.50	40.80	0.30					
			E5575399	40.80	41.80	1.00					
			E5575400	41.80	42.50	0.70					
			E5575401	41.80	42.50	0.70					
			E5575402	42.50	43.50	1.00					
			E5575403	43.50	45.90	2.40					
			E5575404	45.90	47.10	1.20					
			E5575405	47.10	48.30	1.20					
			E5575406	48.30	48.90	0.60					
			E5575407	48.90	49.90	1.00					
			E5575408	49.90	50.90	1.00					

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		<p>argillaceous limestone. In the Anniv area it marks the end of the ACTM. It's not always present in the stratigraphy.</p> <p>- 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 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.</p> <p>« 14.70- 15.10 TRACE. The end of ACTM deposition marked by 8cm pyrite barite hydrothermal vein hosted between mudstone and sparry limestone, with some Cu-Ni-Zn anomalous values to weak mineralization »</p> <p>« 15.10- 20.80 LOW GRADE. Massive black carbonaceous mudstone with abundant steplike slickensides; Zn as dissemination and minor laminations; barite alteration as weak pervasiveness; ductile shear sense deformation; broken core; minor core loss; localized brecciation and mylonitization, some Zn in fractures and foliations »</p> <p>« 20.80- 22.60 MODERATE GRADE. Massive black carbonaceous mudstone with abundant Sedex Zn laminations, locally interlayered with sparry limestone, the laminae are not uniformly distributed but quite patchy; minor disseminated Zn »</p> <p>« 22.60- 24.10 TRACE. Weakly altered graded sparry limestone with stylolite structures and cleavages, possible bedding = 46° TCA cut by cleavages $\alpha=9^\circ$ TCA; silicification is present on the contact to mudstone »</p> <p>« 24.10- 26.20 TRACE TO LOW GRADE. Deformed, massive black carbonaceous mudstone with 3cm Zn laminae @25.4m, graphitic slickensides coated with 0.3% Zn by Niton; close up folded pyrite galena bands; very fine thin stylolite structures »</p> <p>« 26.20- 26.60 MODERATE GRADE. Highly silicified micritic limestone/sparry limestone with localized Zn Sedex laminae overprinted by sphalerite filled in water escape structures »</p> <p>« 26.60- 28.20 BARREN TO TRACE. Locally veined and brecciated massive micritic limestone/sparry limestone, ductile deformed »</p> <p>« 28.20- 28.90 TRACE. Strongly silicified micritic limestone mixed with</p>									

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		carbonaceous mudstone not by structure but during sedimentation or/and diagenesis » « 28.90- 29.90 TRACE. Unaltered massive graded sparry limestone with minor galena stringers at lower part » « 29.90- 31.70 HIGH GRADE. Silica flooded finely laminated Sedex ore in mudstone and sparry limestone, deformed, micro-folded and micro-faulted, locally sphalerite in deformed water escape structures » « 31.70- 32.30 LOW GRADE. Massive sparry limestone with Zn as weak lamination and dissemination, however alteration lacks » « 32.30- 32.70 LOW GRADE. Hydrothermal breccia, ductile deformed, silicified, mylonitized » « 32.70- 33.30 LOW TO MODERATE GRADE. Silicified massive graded sparry limestone with Zn laminae; mixed with black mudstone » « 33.30- 37.90 MODERATE TO HIGH GRADE. Deformed, silicified, finely laminated black mudstone and sparry limestone with abundant Zn laminae; sphalerite fills in deformed water escape structures; ductile and brittle deformations; both the limestone and the mudstone are Zn mineralized without visible preferential choice» « 37.90- 38.50 LOW TO MODERATE GRADE. Moderately silicified sparry limestone with localized Zn laminae » « 38.50- 39.50 MODERATE TO HIGH GRADE. Silicified massive sparry limestone with localized Zn laminae and a 6cm extremely high Zn laminae with sphalerite in water escape structures; Zn mineralization is not uniform but quite patchy in terms of distribution » « 39.50- 40.10 HIGH GRADE. Sedex ore hosted in silicified micritic limestone and mudstone, deformed, extremely foliated » « 40.10- 40.50 TRACE TO LOW GRADE. Strongly foliated mudstone without visible mineralization » « 40.50- 40.80 LOW TO MODERATE GRADE. Silicified Sedex Zn mineralized micritic limestone and mudstone » « 40.80- 42.50 TRACE TO LOW GRADE. Massive mudstone and micritic limestone in a fault damage zone, some core loss » « 42.50- 45.90 LOW GRADE. Zn mineralized mudstone and micritic limestone in a « FLT » zone, no cohesive strength; broken core; steplike slickensides; α=31° TCA; fault gouge was washed away »									

