

Hole No.: BRO-020	Depth: 81.00 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	Don 103
Mining District:	Selwyn Basin	Grant Number:	Y 64968
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	485733.60 m	True Azimuth:	23.5 °
UTM Northing:	6929326.81 m	Hole Angle:	-61.0 °
Elevation (m):	1292.32 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:	CYR-01	Date Drilling Start:	28-Jul-15
		Date Finish:	29-Jul-15
Diamond Drill Core:			
Logged By:	EH	Date Logging Start:	13-Aug-15
		Date Finish:	14-Aug-15
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	3.00 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	3.00 m
Level:		Section:	
		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

BRO-020

Hole Comments:

Wed, Jul 29 --- DS: Drilled from 303-306m (EOH). Survey at 306m. Tore down and moved to new set-up BRO-801 (BRO-020). NS: Set 3m casing and Drilled down to 42m. Survey at 18m. Lithology unknown as core still at drill.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-61.0	23.5
18.00	-60.8	23.9
51.00	-60.6	24.4
81.00	-60.4	25.3

Selwyn Project Diamond Drill Log

Hole Number:
BRO-020

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	3.00	OVBR									
« No core was recovered from this section »											
3.00	44.30	ACTM	E5575060	3.00	6.00	3.00					
ACTM – Active Member			E5575061	6.00	9.00	3.00					
<p><i>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.</i></p> <p>=====</p> <p><i>The ACTM has 8 different facies:</i></p> <p>=====</p> <p>- GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.</p> <p>- 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.</p> <p>- 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.</p> <p>- CHERTY MUDSTONE FACIES: Consists of a greyish black monotonous siliceous, carbonaceous mudstone. It is most typically found overlying the thin bedded calcareous mudstone facies.</p>			E5575062	9.00	11.40	2.40					
			E5575063	11.40	12.00	0.60					
			E5575064	12.00	13.00	1.00					
			E5575065	13.00	13.40	0.40					
			E5575066	13.40	14.20	0.80					
			E5575067	14.20	14.60	0.40					
			E5575068	14.60	15.50	0.90					
			E5575069	15.50	16.50	1.00					
			E5575070	16.50	17.40	0.90					
			E5575071	16.50	17.40	0.90					
			E5575072	17.40	18.30	0.90					
			E5575073	18.30	19.30	1.00					
			E5575074	19.30	20.30	1.00					
			E5575075	20.30	21.30	1.00					
			E5575076	21.30	22.40	1.10					
			E5575077	22.40	23.00	0.60					
			E5575078	23.00	24.00	1.00					
			E5575079	24.00	25.00	1.00					
			E5575080	25.00	25.00	0.00					
			E5575081	25.00	26.00	1.00					
			E5575082	26.00	27.00	1.00					
			E5575083	27.00	28.00	1.00					
			E5575084	28.00	29.00	1.00					
			E5575085	29.00	30.00	1.00					
			E5575086	30.00	30.90	0.90					
			E5575087	30.90	31.40	0.50					
			E5575088	31.40	32.00	0.60					
			E5575089	32.00	33.00	1.00					
			E5575090	33.00	33.00	0.00					
			E5575091	33.00	33.90	0.90					

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<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 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>« 3.00- 11.40 MODERATE GRADE. Weathered, faulted ACTM with abundant ACTM fragments, quite gougey »</p> <p>« 11.40- 13.40 TRACE TO LOW GRADE. Locally brecciated, veined and silicified micritic and sparry limestone with weak Zn mineralization »</p> <p>« 13.40- 15.50 LOW TO MODERATE GRADE. Silica flooded, Sedex Zn mineralized, laminated sparry limestone interlayered with mudstone, ductile deformed, water escape structures filled with sphalerite and galena »</p> <p>« 15.50- 17.40 TRACE TO LOW GRADE. Graded sparry limestone with</p>			E5575092	33.90	34.90	1.00					
			E5575093	34.90	35.90	1.00					
			E5575094	35.90	36.60	0.70					
			E5575095	36.60	37.30	0.70					
			E5575096	37.30	38.20	0.90					
			E5575097	38.20	39.00	0.80					
			E5575098	39.00	39.90	0.90					
			E5575099	39.90	40.50	0.60					
			E5575100	40.50	41.60	1.10					
			E5575101	40.50	41.60	1.10					
			E5575102	41.60	42.60	1.00					
			E5575103	42.60	43.60	1.00					
			E5575104	43.60	44.30	0.70					

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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>localized Zn laminae »</p> <p>« 17.40- 18.30 LOW TO MODERATE GRADE. Shear zone breccia, strongly deformed, with sparry limestone twisted with mudstone, deformed veins and bands »</p> <p>« 18.30- 23.00 HIGH GRADE. Strongly deformed, highly silicified, finely laminated sparry limestone and mudstone with abundant hemimorphite coatings in fractures and foliations; water escape structures in places; L-tectonite of elongate pyrite limestone nodules were noted; barite alteration is present; »</p> <p>« 23.00- 24.00 MODERATE GRADE. Micritic limestone associated with sparry limestone, with Zn laminae in the latter, silicification in places »</p> <p>« 24.00- 26.00 HIGH GRADE. Silica flooded sparry limestone interlayered with mudstone, both with fine laminations whereas water escape structures in mudstone, which is filled with sphalerite and localized galena, locally brecciated with extremely high Zn, ductile deformation in places »</p> <p>« 26.00- 31.40 TRACE TO LOW GRADE. Massive USMS style lithology with minor localized Zn laminae, shear sense deformation, L-tectonite and rotated pyrite calcite nodules in places »</p> <p>« 31.40- 32.00 MODERATE TO HIGH GRADE. Silica flooded, well laminated mudstone, deformed, locally veined, apparently ductile deformation adding barren lithology into ACTM »</p> <p>« 32.00- 35.90 LOW GRADE, LOCALLY MODERATE GRADE. Extremely ductile deformed, highly silicified micritic limestone mixed with sparry limestone. Seemingly calcite veins are later than silicification; but the veins are also deformed »</p> <p>« 35.90- 37.30 TRACE TO LOW GRADE. Ductile deformed massive mudstone with weak and localized Zn laminae »</p> <p>« 37.30- 40.50 TRACE. Massive micritic and sparry limestone, extremely ductile deformed, with minor Zn laminae and galena stringers; minor Zn stylolites »</p> <p>« 40.50- 41.60 LOW TO MODERATE GRADE. Silica flooded, moderately laminated mudstone, ductile deformed, hemimorphite filling in fractures and foliations »</p> <p>« 41.60- 43.60 TRACE TO LOW GRADE. Massive graded sparry limestone and micritic limestone, weakly silicified, strongly foliated, minor Zn</p>									

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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%
mineralization » « 43.60- 44.30 LOW GRADE. 18 cm high Zn laminae at each end sandwiches a shear zone breccia, weakly altered, strongly deformed »											
44.30	47.20	FLT	E5575105	44.30	45.60	1.30					
« 44.30- 47.20 FLT with fault gouge and core loss; no cohesive strength, localized calcite quartz stockworking, barite alteration; 0.5% Zn by Niton; chopping the barren basal limestone out ; seemingly parallel with S1 = 58° TCA»			E5575106	45.60	47.20	1.60					
47.20	81.00	CCMS	E5575107	47.20	48.20	1.00					
CCMS – Calcareous Mudstone			E5575108	48.20	48.20	0.00					
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).											
« lm ca 5.00-10.00mm », « nodules py -3.00% 2.00-20.00mm »,											
« 47.20- 51.70 FLT damage zone controlled by foliation cleavage domain a=61° TCA »											
« 51.70- 81.00 Foliation cleavage domain with deformed veins and bands; ‹ @ 51.70 Foliations a=68° TCA cut by cleavages calcite veinlets a=48° TCA › »											
‹ @ 72.20 Dextral shear sense deformation, prevailing structural orientation a=37° TCA ›											
81.00	81.00	EOH									