

Hole No.: BRO-024	Depth: 195.00 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	DON 24
Mining District:	Selwyn Basin	Grant Number:	Y 64956
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	485899.36 m	True Azimuth:	25.0 °
UTM Northing:	6929161.65 m	Hole Angle:	-60.0 °
Elevation (m):	1340.56 m	NTS Name:	Placer Creek
		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:	01-Aug-15
		Date Finish:	03-Aug-15
Diamond Drill Core:			
Logged By:	EH	Date Logging Start:	15-Aug-15
		Date Finish:	18-Aug-15
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	10.40 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	10.40 m
Level:	Section:		Drift:

Selwyn Project

Diamond Drill Log

Survey Data for Hole

BRO-024

Hole Comments:

Sat, Aug 01 --- DS: Drilled from 66-72m and shut down in CCMS after faulting out of ACTM. EOH survey, tear down and short standby while pad builders finished new pad. Moved to BRO-804 (BRO-024). Set casing. NS: Drilled to 48m, reaming everything. Lithology unknown as core still at drill.

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Sun, Aug 02 --- DS: Drilled 90m down to 138m in USMS. No issues, two tests taken. NS: Good drilling, drilled 57m down to 195m took one test, minor washing. Intersected ACTM from 126-161.9m, shut down at 195m in CCMS.

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Mon, Aug 03 --- DS: Hole shut down, test at 12m and 195m. Pack up and get ready for move, ready to move but no pads ready. Standby for rest of dayshift. NS: No nightshift was sent out as the nightshift crew was sent to Whitehorse during the day in anticipation of this lack of drill pads.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-60.0	25.0
12.00	-59.1	24.8
54.00	-59.8	24.8
150.00	-58.9	26.1
195.00	-57.6	25.2

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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	10.40	OVBR									
« 0.00- 9.00 No core recovered »											
« 9.00- 10.40 Two quartz pebbles with some fine sediment »											
10.40	39.00	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 »,											
« 10.40- 47.50 Oxidization zone with free -water-running-through fractures, limonite and jarosite as well as secondary carbonate on fracture surfaces; barite alteration »											
« 30.00- 39.00 FLT with fault gouge, core loss; no cohesive strength; no alteration, nor mineralization; localized barite alteration; fragments at the top of the « FLT » belong to FLMD while fragments at the bottom belong to « USMS » »											
39.00	124.00	USMS	E5575110	122.00	123.00	1.00					
USMS – Upper Siliceous Mudstone			E5575111	123.00	124.00	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% »,											
« 30.00- 124.00 A high strain zone with boudinages, shear sense folding,											

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		<i>offset and rotation as well as recrystallization, brecciation of brittle and ductile deformation; calcite pressure shadowed pyrite porphyroblasts, close up folds »</i>									
124.00	164.60	ACTM	E5575112	124.00	124.70	0.70					
<i>ACTM – Active Member</i>			E5575113	124.70	126.00	1.30					
<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: <i>Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.</i></p> <p>- WHITISH GREY ZN-PB MUDSTONE FACIES: <i>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>- THIN BEDDED CHERTY MUDSTONE FACIES: <i>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>- CHERTY MUDSTONE FACIES: <i>Consists of a greyish black monotonous siliceous,</i></p>			E5575114	126.00	126.90	0.90					
			E5575115	126.90	127.90	1.00					
			E5575116	127.90	128.40	0.50					
			E5575117	128.40	129.00	0.60					
			E5575118	129.00	129.60	0.60					
			E5575119	129.60	130.10	0.50					
			E5575120	130.10	130.50	0.40					
			E5575121	130.10	130.50	0.40					
			E5575122	130.50	131.50	1.00					
			E5575123	131.50	132.30	0.80					
			E5575124	132.30	132.70	0.40					
			E5575125	132.70	133.20	0.50					
			E5575126	133.20	134.00	0.80					
			E5575127	134.00	134.40	0.40					
			E5575128	134.40	135.00	0.60					
			E5575129	135.00	135.80	0.80					
			E5575130	135.80	135.80	0.00					
			E5575131	135.80	136.80	1.00					
			E5575132	136.80	137.30	0.50					
			E5575133	137.30	138.10	0.80					
			E5575134	138.10	139.20	1.10					
			E5575135	139.20	140.00	0.80					
			E5575136	140.00	140.70	0.70					
			E5575137	140.70	141.10	0.40					
			E5575138	141.10	141.50	0.40					
			E5575139	141.50	142.00	0.50					
			E5575140	142.00	142.00	0.00					
			E5575141	142.00	142.80	0.80					

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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>carbonaceous mudstone. It is most typically found overlying the thin bedded calcareous mudstone facies.</p> <p>- 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.</p> <p>- 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.</p> <p>- 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.</p> <p>- 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.</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>« 124.00- 124.70 MODERATE GRADE. Pressure shadow structured shear zone breccia with high Zn, moderately silicified »</p> <p>« 124.70- 126.00 TRACE. Weakly altered, strongly foliated, recrystallized sparry limestone »</p>			E5575142	142.80	143.50	0.70					
			E5575143	143.50	144.30	0.80					
			E5575144	144.30	145.30	1.00					
			E5575145	145.30	146.00	0.70					
			E5575146	146.00	147.00	1.00					
			E5575147	147.00	147.50	0.50					
			E5575148	147.50	148.30	0.80					
			E5575149	148.30	148.90	0.60					
			E5575150	148.90	150.20	1.30					
			E5575151	148.90	150.20	1.30					
			E5575152	150.20	151.10	0.90					
			E5575153	151.10	151.80	0.70					
			E5575154	151.80	152.60	0.80					
			E5575155	152.60	153.10	0.50					
			E5575156	153.10	153.50	0.40					
			E5575157	153.50	154.60	1.10					
			E5575158	154.60	155.70	1.10					
			E5575159	155.70	156.30	0.60					
			E5575160	156.30	156.30	0.00					
			E5575161	156.30	157.30	1.00					
			E5575162	157.50	158.50	1.00					
			E5575163	158.50	159.20	0.70					
			E5575164	159.20	160.20	1.00					
			E5575165	160.20	161.20	1.00					
			E5575166	161.20	161.80	0.60					
			E5575167	161.80	162.80	1.00					
			E5575168	162.80	163.80	1.00					
			E5575169	163.80	164.60	0.80					

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		« 126.00- 126.90 TRACE. Shear zone breccia of carbonaceous mudstone with 2cm Zn laminae at the top end »									
		« 126.90- 128.40 TRACE. Silicified, weakly recrystallized, graded sparry limestone with localized breccia and calcite stockworks »									
		« 128.40- 129.60 TRACE. Silica flooded, foliated sparry limestone and mudstone locally mylonitized »									
		« 129.60- 130.10 TRACE. Shear zone breccia, strongly deformed, highly silicified »									
		« 130.10- 130.50 LOW GRADE. Shear zone breccia with 8cm Zn ore carried in »									
		« 130.50- 132.30 LOW TO MODERATE GRADE. Unaltered massive micritic and sparry limestone with disseminated sphalerite and sphalerite barite veinlets »									
		« 132.30- 132.70 MODERATE GRADE. Zn laminated mudstone fragments in a sheared limestone »									
		« 132.70- 134.00 MODERATE TO HIGH GRADE. Highly silicified sparry limestone with disseminated and stylolite Zn as well as Zn veinlets, extremely ductile deformed »									
		« 134.00- 135.00 HIGH GRADE. Recrystallized sphalerite in ductile deformed sparry limestone fills in foliations and cleavages, with well developed water escape structures in Sedex Zn ore which are filled with sphalerite and galena »									
		« 135.00- 135.80 LOW GRADE. Massive sparry limestone and micritic limestone with 8cm high Zn , resulted from shear and thrusting »									

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		« 135.80- 137.30 LOW TO MODERATE GRADE. Highly silica flooded strongly shear sense deformed sparry limestone with high Zn mudstone mixed with the sparry limestone »									
		« 137.30- 139.20 LOW TO MODERATE GRADE. Silicified laminated sparry limestone and mudstone, strongly deformed »									
		« 139.20- 140.00 LOW TO MODERATE GRADE. Extremely sheared, Zn mineralized sparry limestone with sphalerite overprinting; sphalerite also filling in foliations and cleavages as well as water escape structures »									
		« 140.00- 140.70 TRACE. Deformed micritic and sparry limestone without much visible Zn; strongly mylonitized »									
		« 140.70- 141.10 MODERATE TO HIGH GRADE. High Zn Sedex ore replaced sparry limestone, silicified, syn-sedimentary to syn-diagenetic deformed »									
		« 141.10- 141.50 TRACE. Deformed, foliated massive micritic limestone »									
		« 141.50- 142.80 HIGH GRADE. Strongly deformed tectonic melange of sparry limestone and laminated mudstone with sphalerite filling in foliations »									
		« 142.80- 143.50 TRACE TO LOW GRADE. Massive sparry and micritic limestone, foliated »									
		« 143.50- 144.30 TRACE. Moderately laminated mudstone and graded sparry limestone lacking in sphalerite »									
		« 144.30- 146.00 TRACE. Graded sparry limestone »									
		« 146.00- 147.00 MODERATE TO HIGH GRADE. Extremely silicified, Zn mineralized micritic limestone with disseminated Zn, patchy galena, water escape structures filled with sphalerite »									

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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%
		« 147.00- 147.50 LOW TO MODERATE GRADE. Massive sparry limestone from tectonic melange; sparry limestone is resulted from recrystallization of micritic limestone, with barite alteration »									
		« 147.50- 148.30 LOW TO MODERATE GRADE. Silicified sparry limestone with fine laminations, sphalerite in water escape structures; galena veinlets on the contact to micritic limestone; foliations are in places »									
		« 148.30- 148.90 MODERATE TO LOW GRADE. Silica flooded moderately laminated micritic limestone »									
		« 148.90- 150.20 LOW GRADE. Silicified sparry limestone, locally veined, locally brecciated »									
		« 150.20- 151.10 TRACE. Silicified tectonic melange of micritic and carbonaceous mudstone »									
		« 151.10- 151.80 BARREN. Massive carbonaceous mudstone with some USMS style features »									
		« 151.80- 152.60 TRACE. Massive graded sparry limestone, no Sedex visible Zn »									
		« 152.60- 153.10 TRACE TO LOW GRADE. Moderately silicified, calcite quartz stockworked / anastomosed sparry limestone »									
		« 153.10- 153.50 LOW GRADE. Silicified micro sheared mudstone and limestone »									
		« 153.50- 155.70 TRACE. Massive graded sparry limestone and micritic limestone, calcite veined »									
		« 155.70- 156.30 TRACE. Locally laminated micritic limestone »									
		« 156.30- 157.50 TRACE TO LOW GRADE. Silicified tectonic melange of									

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micritic limestone and carbonaceous mudstone, locally recrystallized and mylonitized » « 157.50- 159.20 TRACE. Deformed tectonic melange of USMS style lithology » « 159.20- 161.20 LOW GRADE. Shear sense deformed, L-tectonitized USMS style lithology » « 161.20- 161.80 LOW GRADE. Silicified tectonic melange of micritic limestone, mylonitized, brecciated, 5cm Zn laminae at the top end » « 161.80- 164.60 TRACE. Highly strained USMS style lithology, without much Zn mineralization »											
164.60	166.30	FLT	E5575170	164.60	164.60	0.00					
« FLT with fault gouge and core loss; faulted the basal limestone out, with several high Zn fragments in broken core; a=51° TCA; localized healed fault breccia; with dilational features, without much alteration »			E5575171	164.60	165.70	1.10					
			E5575172	165.70	166.30	0.60					
166.30	195.00	CCMS	E5575173	166.30	167.30	1.00					
CCMS – Calcareous Mudstone <											



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		↖ @ 184.70 Pseudo bedding = TCA 80° ↗									
195.00	195.00	EOH									