

Hole No.: DNE-070	Depth: 165.00 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	NOD 39
Mining District:	Selwyn Basin	Grant Number:	YB49403
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	478721.96 m	True Azimuth:	215.0 °
UTM Northing:	6933206.78 m	Hole Angle:	-80.0 °
Elevation (m):	1176.59 m	NTS Name:	No Title
		UTM Datum:	NAD 83
		UTM Grid Zone:	9
		NTS Number:	105I11
Grid Co-Ordinates of Drill Hole Collar:			
Grid Easting (m):	0.00 m	Grid Name:	HP06
Grid Northing (m):	0.00 m	Grid Type:	100m
Grid Azimuth:	275.0 °		
Dimond Drilling Contract:			
Drilled By:	CYR-01	Date Drilling Start:	29-Mar-14
		Date Finish:	31-Mar-14
Diamond Drill Core:			
Logged By:	C.MacKay-Stotesbury	Date Logging Start:	02-Apr-201
		Date Finish:	03-Apr-14
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	15.00 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	15.90 m
Level:			
Section:			
Drift:			

Selwyn Project

Diamond Drill Log

Survey Data for Hole

DNE-070

Hole Comments:

Sun, Mar 30 --- DS: Shut hole DNE-069 @137m in CCMS. Moved drill to DNE-070, casing to ~21m. NS: No major issues, ~50m drilled, currently in USMS @73m.

Mon, Mar 31 --- DS: No major issues, hit ACTM @108.4, drilled up to 115m. NS: Drilled ~ 36m, currently at 152m. ACTM finished at 139.7, will continue till ~160m.

DS: Shut hole DNE-070 @ 165m. Relocated to DNE-073 (DNE-834).

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-80.0	215.0
32.00	-79.9	216.0
56.00	-80.0	215.2
106.00	-80.1	216.5
152.00	-79.5	212.3
165.00	-79.4	215.0

Selwyn Project Diamond Drill Log

Hole Number:
DNE-070

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	15.90	OVBR									
Loose sedimentary.											
15.90	109.00	USMS	E6613251	97.00	98.00	1.00	0.05	0.12	1.25	3.30	0.44
USMS – Upper Siliceous Mudstone			E6613252	98.00	98.20	0.20	1.82	1.33	1.25	48.10	1.37
<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>« @ 22.10 S0 defined by medium grained pyrite pseudo-beds 63° »</p> <p>« @ 34.10 S0 defined by fine grained pyrite pseudo-bed 49° »</p> <p>« @ 43.40 S0 defined by fine grained pyrite pseudo-bed 19° »</p> <p>« 44.70- 56.20 FLT: 40% lost core, 15% competent core, 25% broken core, 15% fault breccia, 5% gouge. »</p> <p>« @ 65.20 S0 defined by wavy intercalated mudstone beds 42° »</p> <p>« 86.70- 87.90 Calcareous (limestone) concretion. »</p> <p>« @ 90.00 S0 defined by fine pyrite pseudo-bed 36° »</p> <p>« 96.70- 98.00 Calcareous (limestone) concretion. »</p> <p>« @ 98.00 Galena stringer »</p> <p>« 104.20- 105.90 FLT: 60% lost core, 30% broken core, 10% gg. »</p>			E6613253	98.20	99.20	1.00	0.00	0.20	1.25	7.60	0.02
			E6613151	106.00	107.00	1.00	0.01	0.04	1.25	1.25	0.37
			E6613152	107.00	108.00	1.00	0.01	0.33	1.25	13.70	0.02
			E6613153	108.00	109.00	1.00	0.12	1.84	1.25	59.80	0.06
109.00	132.50	ACTM	E6613154	109.00	110.00	1.00	0.57	6.66	1.25	186.00	0.09
ACTM – Active Member			E6613155	110.00	110.80	0.80	0.62	5.31	1.25	137.00	0.12

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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>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, carbonaceous mudstone. It is most typically found overlying the thin bedded calcareous mudstone facies.</i></p> <p>- THIN BEDDED CALCAREOUS MUDSTONE FACIES: <i>Consists of laminated carbonaceous mudstone containing 20-40% calcite, 40-55% quartz and 10-20% muscovite.</i></p>			E6613156	110.80	111.10	0.30	0.13	0.03	1.25	1.25	3.73
			E6613157	111.10	111.70	0.60	0.32	0.89	1.25	26.20	0.36
			E6613158	111.70	112.30	0.60	2.56	9.78	1.25	319.00	0.26
			E6613159	112.30	112.80	0.50	0.28	0.08	1.25	1.25	3.49
			E6613160	112.80	113.60	0.80	0.75	1.40	1.25	34.90	0.54
			E6613161	112.80	113.60	0.80	0.88	1.29	1.25	32.90	0.68
			E6613162	113.60	114.40	0.80	1.09	3.14	1.25	98.40	0.35
			E6613163	114.40	115.00	0.60	0.01	0.01	1.25	1.25	1.10
			E6613164	115.00	116.00	1.00	0.26	0.11	1.25	3.80	2.26
			E6613165	116.00	116.50	0.50	1.73	9.32	3.00	284.00	0.19
			E6613166	116.50	117.00	0.50	0.21	0.05	1.25	1.25	4.58
			E6613167	117.00	118.00	1.00	0.09	0.02	1.25	1.25	5.63
			E6613168	118.00	119.00	1.00	0.04	0.01	1.25	1.25	6.79
			E6613169	119.00	120.00	1.00	0.02	0.01	1.25	1.25	1.96
			E6613170	120.00	120.00	0.00	0.01	0.00	1.25	1.25	2.76
			E6613171	120.00	120.90	0.90	0.05	0.08	1.25	1.25	0.63
			E6613172	120.90	121.70	0.80	1.23	7.23	1.25	151.00	0.17
			E6613173	121.70	122.10	0.40	0.91	6.58	1.25	180.00	0.14
			E6613174	122.10	122.70	0.60	1.85	9.74	1.25	282.00	0.19
			E6613175	122.70	123.10	0.40	0.45	2.72	1.25	65.00	0.17
			E6613176	123.10	124.10	1.00	0.26	1.62	1.25	38.50	0.16
			E6613177	124.10	124.80	0.70	0.29	1.65	1.25	38.70	0.17
			E6613178	124.80	125.10	0.30	0.31	1.53	3.50	41.10	0.20
			E6613179	125.10	125.50	0.40	0.08	1.04	1.25	29.70	0.07
			E6613180	125.50	125.50	0.00	5.65	6.85	70.80	184.00	0.82
			E6613181	125.50	126.00	0.50	0.08	0.35	1.25	11.20	0.22
			E6613182	126.00	127.00	1.00	0.03	0.02	1.25	1.25	1.73
			E6613183	127.00	128.00	1.00	0.01	0.04	1.25	1.25	0.23
			E6613184	128.00	129.00	1.00	0.02	0.25	1.25	11.20	0.09
			E6613185	129.00	130.00	1.00	0.14	0.25	1.25	11.80	0.55
			E6613186	130.00	131.00	1.00	0.01	0.09	1.25	5.20	0.07
			E6613187	131.00	132.00	1.00	0.01	0.02	1.25	1.25	0.67
			E6613188	132.00	132.50	0.50	0.01	0.01	1.25	1.25	0.68

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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>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>« 109.00- 110.00 HIGH-MODERATE GRADE light-medium gray mudstone. Siliceous. Extremely rare wormy calcite veins. Very well-developed micro-laminations with abundant micro-faulting. Weakly graphitic. »</p> <p>« @ 109.80 Galena bleb. »</p> <p>« 110.00- 111.10 WEAK GRADE faulted dark gray mudstone grading into limestone. Siliceous grading downhole to calcareous. Bottom of interval includes 10 cm thick calcite vein/breccia. Broken. Weakly-developed micro-laminations. Highly graphitic. »</p>									

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		« 111.10- 111.70 BARREN-TRACE light gray highly calcareous limestone concretion. Abundant wispy, wormy calcite veins at all thickness scales. Moderately competent. »									
		« 111.70- 112.30 MODERATE GRADE medium gray mudstone. Predominantly siliceous; locally weakly calcareous. Very rare sub-mm scale planar calcite veins. Moderately competent. Moderately well-developed micro-laminations which are heavily deformed by micro-faults and micro-folds. Weakly graphitic. »									
		« @ 112.20 Mixed bleb of galena and calcite »									
		« 112.30- 112.80 BARREN-TRACE light gray highly calcareous limestone concretion. Rare thin, planar calcite veins. Highly competent. »									
		« 112.80- 114.40 MODERATE GRADE dark-medium gray mudstone. Predominantly siliceous, calcareous at the top of the range feature. Rare mm- to cm-scale calcite veining. Highly competent. Very well-developed, micro-faulted and micro-folded micro-laminations. Weakly graphitic. »									
		« @ 113.70 Galena stringer »									
		« 114.40- 116.00 TRACE dark gray-black mudstone. Siliceous. Common mm-scale calcite veins are both wormy & planar. Weakly competent. No micro-laminations. Moderately graphitic. »									
		« 116.00- 116.50 HIGH GRADE medium gray, locally brown mudstone. Siliceous. Rare mm- to cm-scale wormy calcite veins. Very well-developed slumping micro-laminations. Highly graphitic. »									
		« 116.50- 120.90 BARREN light gray highly calcareous limestone concretion. Abundant chaotic calcite veining, sub-mm to several-cm thicknesses. Highly competent. »									
		« 120.90- 122.10 MODERATE-HIGH GRADE dark gray weakly calcareous									

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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>mudstone. Rare, thin planar calcite veins. Moderately competent. Well-developed micro-faulted and slumping micro-laminations. Weakly graphitic. »</p> <p>◁ @ 121.00 Galena stringer and blebs. ▷</p> <p>« 122.10- 122.70 HIGH GRADE dark gray, locally brown calcareous mudstone. Calcite veins are wormy, mm-scale. Moderately competent. Very well-developed micro-faulted & micro-folded micro-laminations. Weakly graphitic. »</p> <p>« 122.70- 123.10 TRACE medium gray highly calcareous limestone concretion. Abundant wormy, chaotic calcite veins. Moderately competent. »</p> <p>« 123.10- 124.80 WEAK-MODERATE GRADE dark gray calcareous mudstone. Wormy calcite veins are mm- to cm-scale. Weakly competent. Poorly developed micro-laminations. Weakly graphitic. »</p> <p>« 124.80- 125.10 TRACE medium gray highly calcareous limestone. Both wormy & planar calcite vein populations at mm- to cm-scales. Moderately competent. Moderately graphitic. »</p> <p>« 125.10- 125.50 MODERATE GRADE medium-dark gray weakly calcareous mudstone. Sub-mm to mm-scale chaotic calcite veining. Moderately competent. Moderately well-defined micro-laminations. Weakly graphitic. »</p> <p>« 125.50- 132.50 BARREN-TRACE locally dark gray mudstones and medium gray limestones. Mudstones are siliceous; limestone (concretions) are highly calcareous. Abundant calcite veining can be planar, wormy, wispy, or chaotic and is seen on all scales from sub-mm to several-cm thicknesses. Micro-laminations are rare, and may not indicate mineralization. Mudstone unit is highly graphitic. Weak to moderately competent. »</p>									
132.50	165.00	CCMS	E6613189	132.50	134.00	1.50	0.01	0.13	1.25	8.70	0.06
		CCMS – Calcareous Mudstone	E6613190	134.00	135.00	1.00	0.00	0.00	1.25	1.25	1.12
			E6613191	134.00	135.00	1.00	0.00	0.00	1.25	1.25	1.01
		Massive, calcareous, carbonaceous, dark grey mudstone. Most of the member is	E6613192	135.00	136.00	1.00	0.00	0.31	1.25	24.30	0.02

