

Hole No.: DNE-061	Depth: 231.00 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:	478861.55 m	True Azimuth:	208.0 °
UTM Northing:	6933427.30 m	Hole Angle:	-80.0 °
Elevation (m):	1163.32 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:	HP 06
Grid Northing (m):	0.00 m	Grid Type:	100m
Grid Azimuth:	268.0 °		
Dimond Drilling Contract:			
Drilled By:	NL-01	Date Drilling Start:	15-Mar-14
		Date Finish:	21-Mar-14
Diamond Drill Core:			
Logged By:	H. Grimson	Date Logging Start:	20-Mar-14
		Date Finish:	22-Mar-14
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	30.00 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	41.50 m
Level:			
Section:		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

DNE-061

Hole Comments:

Sat, Mar 15 --- Lined up drill yesterday afternoon, night shift finished setting up drill, put down casing to bedrock, 21m of casing.

Sun, Mar 16 --- DS: Several boulders within sand & gravel, started coring only to realise still in overburden. NS: Suction hose froze due to not having generator; drill head fell apart due to bolts not being welded on when assembled. Awaiting welder and generator in next shipment.

Mon, Mar 17 --- DS: Continued trying to core through OVBR, drill bit required replacing, returned to casing at ~30m. NS: Tricone used to continue, hit bedrock at ~ 35m, now in BSSM. No survey completed at 50m- due to bad ground conditions.

Tue, Mar 18 --- DS: Drilling continued, survey could not be completed until 66m due to unconsolidated ground, reached 78m depth. NS: pulled rods to change bit, hole collapse and difficult ground slowed drilling, additional bit worn, reached ~87m. Will re-enter hole with tricone from top to bottom to clear hole, will then continue coring.

Wed, Mar 19 --- DS: used tricone to clear hole to bottom, reaming continued throughout the day. NS: Hit large fault at ~90m, had to replace bit. Reaming continued through poor ground. Started to recover complete runs after 102m depth. Based on new information, updated units from BSMS to FLD and USMS.

Thu, Mar 20 --- DS: No major mechanical issues. ACTM reached at 126.3m. Survey completed at 114m. NS: ACTM probably finished at ~175m, drilling will continue for another 2 runs. Reaming required for additional ~20ft. Surveys completed at 150m and 180m.

Fri, Mar 21 --- DS: Additional 2 runs requested, bit required changing. ACTM 126m- 158m, repeated due to FLT at 158m, ACTM between 170.9-197.5. NS: No major issues, reached final depth of 231m, prepared drill for move tomorrow.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-80.0	208.0
66.00	-80.2	206.2
114.00	-78.5	204.6
150.00	-77.9	203.2
180.00	-77.3	202.0
230.00	-74.3	197.5

Selwyn Project Diamond Drill Log

Hole Number:
DNE-061

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	41.50	OVBR									
41.50	57.40	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><i>« 48.10- 52.00 Flt: 25%gg. 15%bx. 60%brco »</i></p> <p><i>« 54.50- 55.00 Flt:100%gg »</i></p>											
57.40	126.20	USMS	E6614601	123.10	124.10	1.00	0.05	0.35	1.25	14.10	0.16
<p><i>USMS – Upper Siliceous Mudstone</i></p> <p><i>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% »,</i></p> <p><i>« @ 60.70 S0 Calcite pseudobed 37° »</i></p> <p><i>« 68.40- 68.80 Flt:15% gg, 25%bx, 60%brco »</i></p> <p><i>« @ 82.20 S0- Calcite-pyrite pseudobed 80° »</i></p> <p><i>« 87.60- 88.60 Light grey limestone concretion ACTM »</i></p>			E6614602	124.10	125.60	1.50	0.01	0.22	1.25	8.80	0.05
			E6614603	125.60	126.20	0.60	0.14	0.25	1.25	11.10	0.54

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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%
« 94.10- 94.30 Flt: 5%gg, 25%bx, 70%brco »											
‹ @ 96.60 S0 defined by calcite-pyrite pseudobed 56° ›											
126.20	153.80	ACTM	E6614604	126.20	127.20	1.00	0.85	5.47	1.25	174.00	0.15
<i>ACTM – Active Member</i>			E6614605	127.20	128.40	1.20	1.89	11.60	2.90	352.00	0.16
<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</i></p>			E6614606	128.40	129.60	1.20	2.27	7.08	1.25	229.00	0.32
			E6614607	129.60	129.90	0.30	0.98	4.53	1.25	136.00	0.22
			E6614608	129.90	131.00	1.10	1.45	7.82	1.25	193.00	0.19
			E6614609	131.00	132.00	1.00	1.76	3.73	1.25	91.10	0.47
			E6614610	132.00	133.00	1.00	0.29	0.41	1.25	9.80	0.71
			E6614611	132.00	133.00	1.00	0.31	0.50	1.25	12.00	0.61
			E6614612	133.00	134.30	1.30	0.04	0.08	1.25	1.25	0.48
			E6614613	134.30	135.00	0.70	0.86	0.78	1.25	17.00	1.10
			E6614614	135.00	135.80	0.80	0.19	0.67	1.25	18.50	0.28
			E6614615	135.80	137.20	1.40	2.12	9.18	1.25	238.00	0.23
			E6614616	137.20	138.00	0.80	0.02	0.05	1.25	1.25	0.43
			E6614617	138.00	139.00	1.00	0.06	0.46	1.25	11.10	0.13
			E6614618	139.00	140.00	1.00	0.59	2.04	1.25	62.90	0.29
			E6614619	140.00	141.00	1.00	1.59	5.48	1.25	145.00	0.29
			E6614620	141.00	141.00	0.00	0.01	0.01	1.25	1.25	0.92
			E6614621	141.00	141.50	0.50	0.71	3.39	1.25	84.40	0.21
			E6614622	141.50	142.00	0.50	1.29	5.41	1.25	162.00	0.24
			E6614623	142.00	143.00	1.00	0.21	0.56	1.25	13.10	0.38
			E6614624	143.00	144.00	1.00	0.26	0.75	1.25	19.60	0.34
			E6614625	144.00	144.60	0.60	0.42	1.59	1.25	36.10	0.26
			E6614626	144.60	145.10	0.50	0.57	0.85	1.25	19.40	0.67
			E6614627	145.10	146.00	0.90	0.04	0.27	1.25	11.10	0.14
			E6614628	146.00	147.00	1.00	0.02	0.02	1.25	1.25	0.91
			E6614629	147.00	148.00	1.00	0.01	0.09	1.25	7.90	0.06

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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>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 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>« 126.20- 132.00 Thin Bedded Cherty Mudstone, strongly laminated, galena</p>			E6614630	148.00	148.00	0.00	1.35	4.00	25.70	266.00	0.34
			E6614631	148.00	149.00	1.00	0.00	0.05	1.25	3.70	0.08
			E6614632	149.00	150.00	1.00	0.01	0.46	1.25	32.90	0.01
			E6614633	150.00	151.00	1.00	0.01	0.13	1.25	9.80	0.07
			E6614634	151.00	152.00	1.00	0.01	0.03	1.25	1.25	0.39
			E6614635	152.00	152.90	0.90	0.01	0.08	1.25	5.40	0.08
			E6614636	152.90	153.80	0.90	0.01	0.01	1.25	1.25	1.38

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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>stringers, mod grade , silicious »</i></p> <p>« 132.00- 134.30 Barren Limestone, gradational lower contact, calcite rich »</p> <p>« 134.30- 137.10 Low-Medium grade, strong parallel laminations, silicious mudstone »</p> <p>« 137.10- 139.40 Barren mudstone, homogenous, calcareous, finely bedded »</p> <p>« 139.40- 142.00 Low grade mudstone, strong parallel laminations, alternating calcareous/silicious patches »</p> <p>« 142.00- 144.00 Barren mudstone, homogenous and calcareous with minor calcite bands »</p> <p>« 144.00- 145.10 Low-Mod grade, moderately laminated mudstone with limestone concretions, galena stringers »</p> <p>« 145.10- 152.90 Barren calcareous mudstone, narrow laminated regions may indicate very low grade mineralization »</p> <p>« 152.90- 153.80 LGLS »</p>											
153.80	158.30	CCMS	E6614637	153.80	154.80	1.00	0.01	0.00	1.25	1.25	5.73
CCMS – Calcareous Mudstone			E6614638	154.80	155.90	1.10	0.02	0.00	1.25	1.25	8.30
			E6614639	155.90	157.00	1.10	0.01	0.00	1.25	1.25	5.20
<p><i>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).</i></p>			E6614640	157.00	158.00	1.00	0.01	0.00	1.25	1.25	5.18
			E6614641	157.00	158.00	1.00	0.01	0.00	1.25	1.25	6.97
			E6614642	158.00	158.30	0.30	0.01	0.01	1.25	1.25	1.82

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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%
« lm ca 5.00-10.00mm », « nodules py -3.00% 2.00-20.00mm », « @ 156.10 S0 Calcite vein possibly follows weak bedding 40° »											
158.30	170.90	FLT	E6614643	158.30	158.90	0.60	0.06	0.25	1.25	11.30	0.24
Consolidated brecciated fault, intermixed upper Calcareous Mudstone with low grade Active Member. Active member parts defined by strongly laminated mudstone.			E6614644	158.90	159.50	0.60	0.03	0.02	1.25	1.25	1.23
			E6614645	159.50	160.10	0.60	0.02	0.02	1.25	1.25	0.96
			E6614646	160.10	161.00	0.90	0.06	0.32	1.25	8.50	0.20
			E6614647	161.00	161.50	0.50	0.03	0.09	1.25	1.25	0.31
			E6614648	161.50	162.00	0.50	0.31	1.94	1.25	44.00	0.16
			E6614649	162.00	162.70	0.70	0.15	0.66	1.25	16.90	0.22
			E6614650	162.70	162.70	0.00	0.01	0.00	1.25	1.25	12.00
			E6614651	162.70	163.40	0.70	0.10	0.66	1.25	15.40	0.14
			E6614652	163.40	164.00	0.60	0.05	0.02	1.25	1.25	2.13
			E6614653	164.00	165.00	1.00	0.06	0.02	1.25	1.25	2.26
			E6614654	165.00	165.50	0.50	0.02	0.68	1.25	30.40	0.03
			E6614655	165.50	165.90	0.40	0.02	0.73	1.25	33.00	0.02
			E6614656	165.90	166.70	0.80	0.07	0.34	1.25	15.50	0.19
			E6614657	166.70	167.40	0.70	0.06	0.35	1.25	15.30	0.18
			E6614658	167.40	168.10	0.70	0.20	0.68	1.25	17.60	0.30
			E6614659	168.10	169.10	1.00	0.22	0.72	1.25	17.20	0.30
			E6614660	169.10	170.00	0.90	1.01	2.92	1.25	78.10	0.35
			E6614661	169.10	170.00	0.90	1.10	2.96	1.25	81.90	0.37
			E6614662	170.00	170.90	0.90	1.02	4.08	1.25	115.00	0.25
170.90	197.50	ACTM	E6614663	170.90	171.40	0.50	1.01	4.10	1.25	116.00	0.25
ACTM – Active Member			E6614664	171.40	172.10	0.70	0.56	1.61	1.25	39.80	0.35
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.			E6614665	172.10	172.70	0.60	0.57	1.62	1.25	41.30	0.35
			E6614666	172.70	173.90	1.20	0.01	0.01	1.25	1.25	1.36
			E6614667	173.90	174.80	0.90	0.02	0.01	1.25	1.25	1.36
			E6614668	174.80	175.80	1.00	0.03	0.03	1.25	1.25	1.03
			E6614669	175.80	176.60	0.80	0.03	0.03	1.25	1.25	0.99
			E6614670	176.60	176.60	0.00	0.01	0.00	1.25	1.25	7.90
			E6614671	176.60	177.20	0.60	0.03	0.00	1.25	1.25	95.83
			E6614672	177.20	177.70	0.50	0.01	0.01	1.25	1.25	1.04
			E6614673	177.70	178.90	1.20	0.01	0.05	1.25	1.25	0.21
			E6614674	178.90	179.90	1.00	0.01	0.05	1.25	1.25	0.24
=====											
The ACTM has 8 different facies:											
=====											

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		<p>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>« 170.90-172.10 Low Grade mudstone, strong and finely laminated, dominantly silicious »</p> <p>« 172.10- 173.90 Barren mudstone, homogenous, calcareous »</p> <p>« 173.90- 177.20 Low grade, weakly laminated, dominantly silicious »</p> <p>« 177.20- 188.60 Barren mudstone, black, silicious »</p> <p>« @ 178.80 Low grade finely laminated region, <20cm »</p> <p>« 188.60- 196.00 Moderate grade with local Mod-Strong grade, strongly laminated mudstone, calcareous »</p> <p>« 196.00- 197.50 Calcareous mudstone with well defined beds, local low grade regions <15cm defined by strong laminations »</p>									
197.50	231.00	CCMS	E6614697	197.50	198.00	0.50	0.09	0.17	1.25	5.50	0.54
CCMS – Calcareous Mudstone			E6614698	198.00	199.00	1.00	0.01	0.02	1.25	1.25	0.94
			E6614699	199.00	200.00	1.00	0.01	0.01	1.25	1.25	0.71
Massive, calcareous, carbonaceous, dark grey mudstone. Most of the member is											

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		<p>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>« 198.00- 200.00 Flt: typical CCMS above flt, prevalent pyritic-lamination below flt, 15%gg, 70%bx, 15%brco »</p> <p>« 201.40- 207.30 elevated levels of pyrite concretions and pyritic laminations prevalent »</p> <p>« @ 206.00 S0 Lamination defined by pyrite 60° »</p> <p>« @ 221.50 S0 Chert band 70° »</p>									
231.00	231.00	EOH									