

Hole No.: DNE-071	Depth: 206.00 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:	479083.95 m	True Azimuth:	82.0 °
UTM Northing:	6933343.67 m	Hole Angle:	-77.0 °
Elevation (m):	1153.35 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:	162.0 °		
Dimond Drilling Contract:			
Drilled By:	CYR-02	Date Drilling Start:	30-Mar-14
		Date Finish:	06-Apr-14
Diamond Drill Core:			
Logged By:	C.MacKay-Stotesbury	Date Logging Start:	04-Apr-201
		Date Finish:	07-Apr-14
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	27.00 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	26.30 m
Level:		Section:	
		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

DNE-071

Hole Comments:

Mon, Mar 31 --- DS: Set up drill on pad DNE-813. Minor setup still required on site. NS: No night shift, drilling will start Monday 31st morning.

Tue, Apr 01 --- DS: issues with hydraulic hoses, 3 hrs break down, 24m of casing drilled. NS: 6hrs break down.

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Wed, Apr 02 ---DS: continuing mechanical and electronic issues, caused limited drill time. NS: currently @ 32m, FLMD.

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Thu, Apr 03 --- DS: slow drilling, hit a couple of small gas pockets (hydrogen sulphide?). NS: Lots of water, in USMS @89m, reached a total depth of 92m.

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Fri, Apr 04 --- Hydraulics causing major issues, only 10m drilled throughout both shifts.

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Sat, Apr 05 --- DS: Hydraulics continue to cause major issues. Resumed drilling at 3pm. NS: intersected 10m ACTM near end of shift. Still in ACTM.

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Sun, Apr 06 --- DS: No major issues, drilled through ACTM to 156m, reached 171.5m depth in CCMS. NS: No issues, continued in footwall to 206m (EOH), hole shut down first thing in morning.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-77.0	82.0
35.00	-77.3	84.0
50.00	-77.8	88.2
100.00	-77.4	90.5
101.00	-77.3	89.0
200.00	-77.8	93.6

Selwyn Project Diamond Drill Log

Hole Number:
DNE-071

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	26.30	OVBR									
Loose sedimentary											
26.30	55.60	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 »,											
Lower contact (downhole contact) is broken, potentially faulted.											
« 29.90- 31.00 FLT: 5% gouge, 95% broken core »											
55.60	127.60	USMS	E6613501	125.00	126.00	1.00	0.07	0.46	2.60	18.20	0.15
USMS – Upper Siliceous Mudstone			E6613502	126.00	127.00	1.00	0.01	0.23	1.25	8.40	0.05
			E6613503	127.00	127.60	0.60	0.30	0.77	1.25	26.70	0.39
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% »,											
Long intervals of very broken rock - should be described more accurately by geotech data.											
« 55.80- 60.60 FLT: 5% gouge, 15% competent core, 80% broken core »											
‹ @ 62.00 S0 defined by medium grained pyrite pseudo-bed 28° ›											
‹ @ 73.20 S0 defined by wavy, potentially bioturbated calcareous "lensy" pseudo-beds 29° ›											

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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%
		« 74.90- 76.00 Limestone concretion »									
		« 77.20- 77.50 Limestone concretion »									
		« @ 79.00 S0 defined by wavy, medium grained pyrite pseudo-beds associated with potentially bioturbated "lensy" pseudo-beds. 35° »									
		« 87.60- 89.00 FLT: 2% gouge, 14% competent core, 84% broken core »									
		« 90.40- 90.90 Limestone concretion »									
		« 92.30- 93.30 Brecciated limestone concretion. Large percentage of calcite breccia containing limestone clasts, in addition to a 15 cm diameter spherical limestone concretion »									
		« 93.30- 99.50 FLT: 33% competent core, 2% gouge, 65% broken core »									
		« @ 101.80 S0 defined by pyrite pseudo-bed 30° »									
		« @ 105.10 S0 defined by contrasting bedding 45° »									
		« 107.00- 107.50 FLT: 10% gouge, 90% broken core »									
		« 110.00- 111.10 Limestone concretion »									
		« 112.60- 117.00 FLT: 11% competent core, 10% fault breccia, 9% gouge, 70% broken core »									
		« @ 121.30 S0 defined by contrasting carbonaceous beds 33° »									
127.60	177.80	ACTM	E6613504	127.60	128.00	0.40	0.94	4.77	1.25	149.00	0.20
**NOTE: See range features from 169.1 m downhole.			E6613505	128.00	129.00	1.00	0.91	6.57	2.80	162.00	0.14
			E6613506	129.00	129.90	0.90	2.42	10.90	1.25	335.00	0.22
ACTM – Active Member			E6613507	129.90	130.70	0.80	0.38	1.21	1.25	36.00	0.31
			E6613508	130.70	131.60	0.90	1.53	6.80	1.25	169.00	0.23
The ACTM consists of a repetitive, possibly rhythmic, sequence of intercalated carbonaceous mudstone, cherty mudstone, chert and limestone and locally			E6613509	131.60	132.50	0.90	1.21	9.29	1.25	206.00	0.13
			E6613510	132.50	133.50	1.00	0.26	2.13	1.25	49.50	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%
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.			E6613511	132.50	133.50	1.00	0.31	1.93	1.25	45.50	0.16
			E6613512	133.50	134.50	1.00	0.47	1.11	1.25	24.30	0.43
			E6613513	134.50	135.50	1.00	0.53	1.13	1.25	29.20	0.47
			E6613514	135.50	136.50	1.00	0.05	0.97	1.25	26.50	0.06
=====			E6613515	136.50	137.50	1.00	0.07	0.36	1.25	11.70	0.21
The ACTM has 8 different facies:			E6613516	137.50	138.50	1.00	0.09	0.40	1.25	12.60	0.23
=====			E6613517	138.50	139.10	0.60	0.70	1.88	1.25	56.60	0.37
- GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.			E6613518	139.10	140.00	0.90	1.49	7.13	1.25	187.00	0.21
			E6613519	140.00	141.00	1.00	0.07	0.30	1.25	11.30	0.23
			E6613520	141.00	141.00	0.00	0.01	0.01	1.25	1.25	0.79
			E6613521	141.00	142.00	1.00	0.02	0.05	1.25	1.25	0.34
- 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.			E6613522	142.00	143.00	1.00	0.38	0.54	1.25	12.30	0.71
			E6613523	143.00	143.60	0.60	1.98	2.02	1.25	47.00	0.98
			E6613524	143.60	144.60	1.00	0.95	5.49	1.25	140.00	0.17
- 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.			E6613525	144.60	145.50	0.90	2.00	9.04	1.25	227.00	0.22
			E6613526	145.50	146.50	1.00	1.06	2.82	1.25	76.50	0.38
			E6613527	146.50	147.50	1.00	1.11	6.18	1.25	140.00	0.18
			E6613528	147.50	148.50	1.00	1.95	8.25	1.25	185.00	0.24
- CHERTY MUDSTONE FACIES: Consists of a greyish black monotonous siliceous, carbonaceous mudstone. It is most typically found overlying the thin bedded calcareous mudstone facies.			E6613529	148.50	149.50	1.00	1.62	7.62	1.25	160.00	0.21
			E6613530	149.50	149.50	0.00	5.85	6.86	69.20	179.00	0.85
			E6613531	149.50	150.50	1.00	1.12	4.85	1.25	140.00	0.23
			E6613532	150.50	151.00	0.50	1.77	7.72	1.25	253.00	0.23
- 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.			E6613533	151.00	152.00	1.00	5.41	24.10	3.10	748.00	0.22
			E6613534	152.00	153.00	1.00	3.83	19.40	1.25	611.00	0.20
			E6613535	153.00	154.00	1.00	3.10	15.20	1.25	486.00	0.20
			E6613536	154.00	155.00	1.00	6.26	18.20	3.90	580.00	0.34
			E6613537	155.00	155.50	0.50	7.35	23.10	6.00	761.00	0.32
			E6613538	155.50	156.00	0.50	3.98	7.23	1.25	220.00	0.55
			E6613539	156.00	156.70	0.70	0.84	1.44	1.25	36.90	0.58
			E6613540	156.70	157.10	0.40	0.10	0.37	1.25	11.00	0.27
			E6613541	156.70	157.10	0.40	0.03	0.07	1.25	1.25	0.39
			E6613542	157.10	158.00	0.90	0.24	0.91	1.25	22.80	0.26
			E6613543	158.00	159.00	1.00	0.53	1.52	1.25	46.20	0.35

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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>- CALCAREOUS MUDSTONE FACIES: <i>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>- GRADED LIMESTONE FACIES: <i>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>- LIGHT GREY BASAL LIMESTONE FACIES - LGLS: <i>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>- BASAL FACIES: <i>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>« 127.60- 128.00 WEAK GRADE Dark grey siliceous mudstone. Very wormy mm- to cm-scale calcite veins. Highly competent. Poorly developed, slumping micro-laminae. »</p> <p>« 128.00- 129.90 MODERATE GRADE Dark grey siliceous mudstone. Common, very wormy sub-mm to several-cm thick calcite veins. Moderately competent. Moderately well-developed slumping micro-laminae. Weakly graphitic. »</p> <p>< @ 129.10 Galena bleb > < @ 129.20 Galena bleb ></p> <p>« 129.90- 130.70 TRACE-WEAK GRADE Medium-dark grey calcareous mudstone. Rare, very wormy mm-scale calcite veins. Highly competent. No visible</p>			E6613544	159.00	160.00	1.00	0.04	0.07	1.25	1.25	0.57
			E6613545	160.00	161.00	1.00	0.18	0.48	1.25	14.80	0.38
			E6613546	161.00	161.80	0.80	0.03	0.04	1.25	1.25	0.68
			E6613547	161.80	162.20	0.40	0.01	0.01	1.25	1.25	1.31
			E6613548	162.20	163.10	0.90	0.01	0.02	1.25	1.25	0.77
			E6613549	163.10	164.00	0.90	0.02	0.01	1.25	1.25	1.82
			E6613550	164.00	164.00	0.00	0.01	0.00	1.25	1.25	6.64
			E6613551	164.00	165.00	1.00	0.02	0.01	1.25	1.25	3.35
			E6613552	165.00	166.00	1.00	0.01	0.04	1.25	1.25	0.32
			E6613553	166.00	166.80	0.80	0.04	0.52	1.25	24.00	0.07
			E6613554	166.80	167.50	0.70	0.01	0.02	1.25	1.25	0.71
			E6613555	167.50	168.50	1.00	0.01	0.05	1.25	1.25	0.31
			E6613556	168.50	169.10	0.60	0.01	0.02	1.25	1.25	0.45
			E6613557	169.10	170.00	0.90	0.01	0.10	1.25	5.30	0.08
			E6613558	170.00	171.00	1.00	0.01	0.21	1.25	15.90	0.03
			E6613559	171.00	172.00	1.00	0.01	0.11	1.25	8.30	0.05
			E6613560	172.00	172.00	0.00	1.37	2.83	18.10	183.00	0.48
			E6613561	172.00	173.00	1.00	0.01	0.64	1.25	48.10	0.01
			E6613562	173.00	174.00	1.00	0.01	0.01	1.25	1.25	0.75
			E6613563	174.00	175.60	1.60	0.01	0.01	1.25	1.25	0.65
			E6613564	175.60	176.00	0.40	0.01	0.00	1.25	1.25	2.09
			E6613565	176.00	177.00	1.00	0.01	0.00	1.25	1.25	7.13
			E6613566	177.00	177.80	0.80	0.01	0.00	1.25	1.25	5.33

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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>micro-laminae. »</i></p> <p>« 130.70- 133.50 WEAK-MODERATE GRADE Laminated dark grey siliceous mudstone. Common wispy & wormy calcite veins with sub-mm to cm-scale thickness. Highly competent. Very well-developed micro-laminae. »</p> <p>« 133.50- 134.50 WEAK-MODERATE GRADE Medium-dark grey calcareous mudstone. Common wispy & very wormy sub-mm to cm-scale calcite veins. Highly competent. Moderately well-developed slumping & commonly micro-faulted (water escape structure?) micro-laminae. »</p> <p>« 134.50- 138.50 BARREN-TRACE Dark grey siliceous mudstone. Common highly deformed extremely wormy ("delicious siliceous") calcite veins, predominantly cm-scale thick. Weak-moderately competent. Very rare intervals (5-10 cm length) containing micro-laminae exhibiting abundant micro-faulting (again - water escape structures?). Highly graphitic. »</p> <p>« 138.50- 139.10 BARREN medium grey calcareous limestone. Interpreted as a concretion. Rare calcite veins over 5 cm thick. »</p> <p>« 139.10- 140.00 HIGH GRADE Laminated medium grey siliceous mudstone. Common very wormy, wispy sub-cm thick calcite veins. Moderately competent. Very well-developed micro-laminae are heavily deformed: slumping, micro-folded, and micro-faulted (water escape structures?). »</p> <p>« @ 139.80 Galena bleb »</p> <p>« 140.00- 143.00 TRACE Laminated (bedded?) medium grey calcareous limestone. Common sub-mm to cm-scale calcite veins display planar, wormy, & wispy geometries. Highly competent. Laminated beds of contrasting colour (carbon content?) throughout; not as finely laminated as Active Member mudstones. »</p> <p>« 143.00- 143.60 HIGH GRADE Light grey & white healed fault breccia calcareous mudstone. Abundant calcite forms matrix of fault breccia as well as</p>									

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		<p><i>common chaotic mm to cm scale veins. Highly competent. »</i></p> <p>‹ @ 143.10 Galena bleb ›</p> <p>‹ @ 143.50 Abundant large (cm-scale) galena blebs and stringers ›</p> <p>« 143.60- 150.50 MODERATE-HIGH GRADE Laminated medium-grey calcareous mudstone. Common wormy, wispy calcite veins with sub-mm to cm-scale thicknesses. Moderately competent. Extremely well-developed slumping, micro-faulted (water escape structure?) micro-laminae. Some pseudo-beds appear a nice beige-brown colour, interpreted as containing sphalerite mineralisation. »</p> <p>‹ @ 145.80 Beige-brown "high sphalerite" pseudo-bed ›</p> <p>‹ @ 147.70 Galena stringer ›</p> <p>‹ @ 148.20 Galena bleb ›</p> <p>‹ @ 148.50 Galena bleb ›</p> <p>« 150.50- 155.00 WEAK GRADE Light-medium grey calcareous limestone. Rare calcite veins are sub-cm thick & exhibit a "stretched/sheared" appearance. Highly competent. Any micro-laminae present are distorted &/or deformed by a sheared texture. Average grain size is noticeably coarser than in "typical" Active Member. »</p> <p>‹ @ 153.90 Galena stringer ›</p> <p>« 155.00- 155.50 WEAK GRADE faulted dark-grey calcareous mudstone. Well broken (poorly competent). 8% gouge, 92% broken core. Highly graphitic. »</p> <p>« 155.50- 156.00 MODERATE GRADE Laminated medium-dark grey siliceous mudstone. Rare calcite veins are mm- to cm-scale thick, wispy. Well-developed slumping, micro-faulted (water escape?) micro-laminae. Weakly graphitic. »</p> <p>« 156.00- 156.70 WEAK-MODERATE GRADE Broken laminated medium grey calcareous mudstone. Common calcite veins are mm- to cm-scale thick, wispy. Moderately well-developed slumping, micro-faulted (water escape?)</p>									

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		<p><i>micro-laminae. Moderately graphitic. »</i></p> <p>« 156.70- 157.10 <i>BARREN calcite inclusion/concretion. »</i></p> <p>« 157.10- 161.00 <i>TRACE-WEAK GRADE Finely laminated medium grey calcareous mudstone. Common sub-mm to cm-scale calcite veins are wormy, wispy, &/or occasionally planar. Subtly contrasting well-developed micro-laminae are discontinuous throughout the range & typically planar, less deformed than typical. »</i></p> <p>« 161.00- 161.80 <i>TRACE Faulted dark grey siliceous mudstone. Abundant mm- to cm-scale calcite veins are wormy. No visible micro-laminae. Moderately graphitic. 63% competent core, 7% gouge, 5% broken core, 25% fault breccia. »</i></p> <p>« 161.80- 162.20 <i>BARREN limestone. Interpreted as a concretion. »</i></p> <p>« 162.20- 166.80 <i>WEAK GRADE Medium-dark gray siliceous mudstone. Common mm- to cm-scale calcite veins are very wispy, occasionally wormy. Well-developed slumping, micro-faulted (water escape?) micro-laminae. Weakly graphitic. »</i></p> <p>« 166.80- 169.10 <i>TRACE-WEAK GRADE Light-medium grey calcareous limestone. Common sub-mm to cm-scale wormy calcite veins. Rare intervals display pseudo-bedding distinctly different from the micro-laminae characteristic of the Active Member. This range was originally logged as the basal limestone unit, and represented the bottom of the active member. Following ranges may represent cherty, low grade active member, in the opinion of the logger they are more likely to be barren CCMS. »</i></p> <p>« 169.10- 175.60 <i>BARREN-TRACE Dark grey siliceous mudstone. Common, predominantly cm-scale, wormy calcite veins. Moderately graphitic. »</i></p> <p>« 175.60- 177.80 <i>BARREN-TRACE Light grey calcareous limestone. Abundant calcite occurs in wispy, wormy, &/or planar veins at all scales as well as in</i></p>									



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