

<b>Hole No.:</b> DNE-079	<b>Depth:</b> 218.00 m	<b>Horizontal Length:</b> 0.00 m	<b>Project:</b> 1710
<b>Location Data:</b>			
<b>Property:</b>	Selwyn Project	<b>Claim Name:</b>	NOD 39
<b>Mining District:</b>	Selwyn Basin	<b>Grant Number:</b>	YB49403
<b>Province/Territory:</b>	Yukon		
<b>UTM Co-Ordinates &amp; Altitude of Drill Hole Collar:</b>			
<b>UTM Easting:</b>	479133.73 m	<b>True Azimuth:</b>	210.0 °
<b>UTM Northing:</b>	6933287.79 m	<b>Hole Angle:</b>	-81.0 °
<b>Elevation (m):</b>	1156.13 m	<b>NTS Name:</b>	No Title
		<b>UTM Datum:</b>	NAD 83
		<b>UTM Grid Zone:</b>	9
		<b>NTS Number:</b>	105I11
<b>Grid Co-Ordinates of Drill Hole Collar:</b>			
<b>Grid Easting (m):</b>	0.00 m	<b>Grid Name:</b>	HP06
<b>Grid Northing (m):</b>	0.00 m	<b>Grid Type:</b>	100m
<b>Grid Azimuth:</b>	270.0 °		
<b>Dimond Drilling Contract:</b>			
<b>Drilled By:</b>	CYR-02	<b>Date Drilling Start:</b>	07-Apr-14
		<b>Date Finish:</b>	12-Apr-14
<b>Diamond Drill Core:</b>			
<b>Logged By:</b>	H. Grimson	<b>Date Logging Start:</b>	10-Apr-14
		<b>Date Finish:</b>	13-Apr-14
<b>Legend for Core Logging Codes:</b> PAX			
<b>Core Size:</b>	NQ3	<b>Cemented:</b>	No
<b>Casing Depth:</b>	35.80 m	<b>Casing Pulled:</b>	Yes
<b>Water Depth:</b>	0.00 m	<b>Overburden Depth:</b>	35.80 m
<b>Level:</b>	<b>Section:</b>		<b>Drift:</b>

# Selwyn Project

## Diamond Drill Log

### Survey Data for Hole

## DNE-079

#### **Hole Comments:**

Tue, Apr 08 --- DS: very slow drilling on DNE-078 all day, reached 43m. @4pm core barrel snapped between locking and adaptor coupling, threads ruined. Inner tube is protruding out top of core barrel. Tried to reconnect, however could only reach 9m above the core barrel due to collapsed hole. Relocated drill ~12ft east of current location, realigned and started again (DNE-079), same Azi and dip. NS: Casing to 30m.

Wed, Apr 09 ---DS: Very slow drilling on DNE-079 (hole restart) due to similar ground conditions as abandoned hole. NS: Slow drilling continued, total production ~18m, uncertain of division between DS and NS.

Thu, Apr 10 --- DS: Radiator blown at morning shift change, Todd working on all morning. Mechanic sent out at ~2pm to inspect and finish. Drill turning before shift change. NS: No problems, ~35m in USMS.

Fri, Apr 11 --- DS: No major problems. NS: down to 136m in BSSM(?) with no issues. Drill seems to be working better now (Cyr mechanic is now on site). Timesheets note that every time a tube is pumped down, the rods (and core barrel) have to be pulled above the seam to seat the tube and continue the hole. Then ream back down to bottom.

Sat, Apr 12 --- DS: drilled ~25m, intersecting ACTM @ 141.5m. Still in mineralization at end of DS @ 161m. NS: through ACTM @ 173m, down to 210m at end of night shift. Hole shutting down.

<i><b>Depth</b></i>	<i><b>Dip</b></i>	<i><b>Azimuth</b></i>
0.00	-81.0	210.0
38.00	-81.0	210.3
50.00	-81.0	210.4
104.00	-81.3	213.2
152.00	-81.4	204.1
200.00	-80.5	196.5
215.00	-80.5	196.3

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Hole Number:  
**DNE-079**

**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	31.30	OVBR									
31.30	40.10	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>« @ 38.20 S0 Bioturbated bedding 27° »</i></p> <p><i>« 38.60- 40.10 Blocky / very broken rock »</i></p>											
40.10	80.10	USMS									
<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>« 45.10- 68.00 Faulted 20% Intact core, 20% brco, 30% bx, 30% gg »</i></p> <p><i>« @ 61.60 S0 46° »</i></p> <p><i>« @ 70.00 S0 61° »</i></p> <p><i>« @ 76.00 S0 Lamination within limestone concretion 53° »</i></p> <p><i>« @ 82.30 S0 Lamination 22° »</i></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%
<b>80.10</b>	<b>82.80</b>	<b>FLT</b>  35% Intact core, 10% bx, 40% gg, 15% brco  Faulted contact marks unconformity between Upper Silicious Mudstone (upper) and Flaggy Mudstone (lower)									
<b>82.80</b>	<b>92.00</b>	<b>FLMD</b>  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 »									
<b>92.00</b>	<b>143.20</b>	<b>USMS</b>  USMS – Upper Siliceous Mudstone  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% », « 92.00- 110.00 Homogeneous upper portion, lacking typical "swirly texture" of Upper Siliceous Mudstone »	E6614351	139.00	140.00	1.00	0.02	0.05	1.25	1.25	0.36
			E6614352	140.00	141.00	1.00	0.01	0.13	1.25	4.50	0.09
			E6614353	141.00	142.80	1.80	0.01	0.06	1.25	1.25	0.15
			E6614354	142.80	143.20	0.40	0.01	0.15	1.25	6.20	0.08
<b>143.20</b>	<b>173.00</b>	<b>ACTM</b>  ACTM – Active Member  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.	E6614355	143.20	144.10	0.90	1.52	4.87	2.80	151.00	0.31
			E6614356	144.10	144.80	0.70	1.35	11.50	2.60	316.00	0.12
			E6614357	144.80	145.30	0.50	0.27	1.24	1.25	34.20	0.21
			E6614358	145.30	146.20	0.90	2.84	10.10	1.25	321.00	0.28
			E6614359	146.20	146.70	0.50	0.91	2.16	1.25	61.40	0.42
			E6614360	146.70	147.40	0.70	0.27	1.16	1.25	29.40	0.23
			E6614361	146.70	147.40	0.70	0.56	0.64	1.25	16.10	0.88
			E6614362	147.40	148.00	0.60	1.40	4.56	1.25	116.00	0.31

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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%
=====			E6614363	148.00	148.50	0.50	0.04	0.55	1.25	12.00	0.07
			E6614364	148.50	149.00	0.50	0.03	0.02	3.20	1.25	1.50
The ACTM has 8 different facies:			E6614365	149.00	149.40	0.40	3.62	4.35	2.50	155.00	0.83
=====			E6614366	149.40	149.90	0.50	1.95	8.46	3.90	214.00	0.23
			E6614367	149.90	150.50	0.60	0.02	0.02	1.25	1.25	1.34
- GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.			E6614368	150.50	151.60	1.10	0.07	0.06	1.25	1.25	1.19
			E6614369	151.60	152.70	1.10	0.16	0.02	1.25	1.25	10.13
			E6614370	152.70	152.70	0.00	0.01	0.00	1.25	1.25	4.13
- 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.			E6614371	152.70	153.10	0.40	1.94	3.84	7.90	120.00	0.51
			E6614372	153.10	153.70	0.60	1.72	3.96	2.80	121.00	0.43
			E6614373	153.70	154.40	0.70	1.71	6.20	1.25	150.00	0.28
			E6614374	154.40	154.80	0.40	10.50	6.10	5.90	147.00	1.72
			E6614375	154.80	155.80	1.00	7.71	4.57	3.50	123.00	1.69
			E6614376	155.80	156.80	1.00	2.98	7.54	1.25	199.00	0.40
			E6614377	156.80	157.40	0.60	1.03	6.37	1.25	159.00	0.16
			E6614378	157.40	157.80	0.40	0.39	0.98	1.25	26.70	0.39
			E6614379	157.80	158.70	0.90	1.58	13.80	3.80	372.00	0.11
- 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.			E6614380	158.70	158.70	0.00	5.63	6.69	67.50	173.00	0.84
			E6614381	158.70	159.40	0.70	1.50	12.50	1.25	352.00	0.12
			E6614382	159.40	160.40	1.00	1.35	9.83	1.25	283.00	0.14
			E6614383	160.40	161.40	1.00	0.30	2.15	1.25	55.00	0.14
- CHERTY MUDSTONE FACIES: Consists of a greyish black monotonous siliceous, carbonaceous mudstone. It is most typically found overlying the thin bedded calcareous mudstone facies.			E6614384	161.40	161.80	0.40	1.49	12.20	3.60	300.00	0.12
			E6614385	161.80	162.70	0.90	0.71	3.62	1.25	99.10	0.20
			E6614386	162.70	163.20	0.50	1.90	6.51	1.25	153.00	0.29
			E6614387	163.20	164.00	0.80	2.05	11.30	2.60	223.00	0.18
- 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.			E6614388	164.00	164.70	0.70	1.19	3.91	1.25	113.00	0.30
			E6614389	164.70	165.40	0.70	1.03	3.52	1.25	103.00	0.29
			E6614390	165.40	166.40	1.00	0.13	0.35	1.25	10.30	0.37
			E6614391	165.40	166.40	1.00	0.08	0.23	1.25	6.60	0.34
			E6614392	166.40	167.00	0.60	0.01	0.01	1.25	1.25	1.46
- 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			E6614393	167.00	167.30	0.30	0.01	0.01	3.90	1.25	1.93
			E6614394	167.30	168.30	1.00	0.01	0.00	1.25	1.25	2.89
			E6614395	168.30	169.30	1.00	0.01	0.00	2.80	1.25	4.05

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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>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>« 143.20- 144.10 Low-moderate grade, siliceous, medium-dark grey with abundant pyrite (massive, veins), moderately laminated »</p> <p>« 144.10- 144.80 High grade, siliceous, strongly laminated, blocky slumping, medium to light grey in colour »</p> <p>« 144.80- 145.30 Barren limestone, massive calcite bands »</p> <p>« 145.30- 146.20 Moderate grade, strong and finely laminated, siliceous with local 10cm-wide limestone concretion, med-dark grey »</p> <p>« 146.20- 146.70 Trace-low grade, weakly laminated and locally homogeneous with &lt;10cm local limestone concretions »</p> <p>« 146.70- 147.40 Low-moderate grade, siliceous, carbonaceous, weak and finely laminated »</p>			E6614396	169.30	170.00	0.70	0.01	0.00	1.25	1.25	4.61
			E6614397	170.00	171.20	1.20	0.01	0.00	1.25	1.25	5.34
			E6614398	171.20	171.60	0.40	0.01	0.00	1.25	1.25	3.97
			E6614399	171.60	171.90	0.30	0.01	0.00	1.25	1.25	6.15
			E6614400	171.90	171.90	0.00	0.01	0.00	1.25	1.25	4.61
			E6614401	171.90	173.00	1.10	0.01	0.00	1.25	1.25	3.81

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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%
		« 147.40- 148.0 Moderate-strong grade, strong-moderate laminations, medium to light-grey laminations, siliceous »									
		« 148.0- 149.00 Barren homogeneous mudstone, carbonaceous with local ~30cm limestone concretion near the top of the interval »									
		« 149.00- 149.40 Low-moderate grade, weak and very slumped laminations, galena associated with irregular calcite veins »									
		« 149.40- 149.90 Moderate-High grade, strong and tightly spaced laminations are locally slumped, greenish-brown colour, dominantly siliceous »									
		« 149.90- 152.70 Barren limestone, medium grey, calcareous »									
		« 152.70- 153.10 Trace-Low grade, loose and weakly laminated with minor galena near calcite veinlets, siliceous, carbonaceous »									
		« 153.10- 153.70 Moderate-High grade, moderate and fine laminations with very weak slumping, medium-grey, pyrite rich, siliceous, local galena extensional structures »									
		« 153.70- 154.80 Moderate-high grade, laminations vary in intensity (weak-moderate) and are heavily slumped giving "swirly" appearance, siliceous with frequent calcite veins, frequent galena blebs and veins »									
		« 154.80- 156.80 Moderate-high grade, moderate but spaced laminations, dominantly siliceous with local limestone concretions, minor galena extensional infill »									
		« 156.80- 157.40 Moderate-high grade, greenish-brown-grey colour, moderately laminated with very fine and weak slumping, calcareous »									
		« 157.40- 157.80 Limestone with trace mineralization, weak and spaced laminations, very calcareous »									



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« 157.80- 159.40 Moderate-high grade, strong laminations, very slumped, very calcareous, greenish-grey colour »											
« 159.40- 161.40 Low grade, tightly spaced greenish-brown laminated bands are widely spaced and heavily slumped, very calcareous »											
« 161.40- 161.80 Moderate grade, brownish-grey, strong parallel laminations, very calcareous »											
« 161.80- 162.70 Low grade, very calcareous, weak and wide-spaced slumping laminations »											
« 162.70- 164.00 Moderate-strong grade, medium grey, siliceous, strong laminations are locally blocky, frequent galena veins and infill »											
« 164.00- 165.40 Moderate grade, dominantly siliceous, moderate parallel laminations »											
« 165.40- 170.00 Calcareous mudstone, carbonaceous »											
« @ 167.00 <10cm mineralized unit, green-brown, calcareous, moderate slumped laminations »											
« 170.00- 171.20 Barren limestone »											
« 171.20- 173.00 Barren calcareous mudstone, homogeneous. carbonaceous »											
« @ 171.70 11cm-wide mineralized unit, green-brown, moderately laminated, calcareous »											
<b>173.00</b>	<b>218.00</b>	<b>CCMS</b>	E6614402	173.00	175.00	2.00	0.01	0.00	1.25	1.25	3.69
CCMS – Calcareous Mudstone			E6614403	175.00	176.50	1.50	0.01	0.00	1.25	1.25	1.70
			E6614404	176.50	177.50	1.00	0.01	0.08	1.25	9.50	0.07
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											





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