

<b>Hole No.:</b> DNE-064	<b>Depth:</b> 240.00 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 37
<b>Mining District:</b>	Selwyn Basin	<b>Grant Number:</b>	YB49401
<b>Province/Territory:</b>	Yukon		
<b>UTM Co-Ordinates &amp; Altitude of Drill Hole Collar:</b>			
<b>UTM Easting:</b>	478853.39 m	<b>True Azimuth:</b>	210.0 °
<b>UTM Northing:</b>	6933556.34 m	<b>Hole Angle:</b>	-70.0 °
<b>Elevation (m):</b>	1135.98 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>	HP 06
<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>	NL-02	<b>Date Drilling Start:</b>	23-Mar-14
		<b>Date Finish:</b>	26-Mar-14
<b>Diamond Drill Core:</b>			
<b>Logged By:</b>	J. Biddlecombe	<b>Date Logging Start:</b>	24-Mar-14
		<b>Date Finish:</b>	27-Mar-14
<b>Legend for Core Logging Codes:</b> PAX			
<b>Core Size:</b>	NQ3	<b>Cemented:</b>	No
<b>Casing Depth:</b>	6.00 m	<b>Casing Pulled:</b>	Yes
<b>Water Depth:</b>	0.00 m	<b>Overburden Depth:</b>	6.00 m
<b>Level:</b>		<b>Section:</b>	
		<b>Drift:</b>	

# Selwyn Project

## Diamond Drill Log

### Survey Data for Hole

# DNE-064

**Hole Comments:**

Mon, Mar 24 --- DS: Set up drill in morning. NS: no issues were reported. 0 to 11 m is overburden and 11 to 33 m is BSSM

Tue, Mar 25 --- DS: no issues; NS: no issues

Wed, Mar 26 --- DS: Hit water at 117m, no major issues, drilled to ~165m. NS: Very broken ground, hit ACTM at 186m within fault zone.

Thu, Mar 27 --- DS: CCMS from 198m- to 241m (EOH). Moved drill into new position, DNE-067.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-70.0	210.0
18.00	-70.0	210.7
54.00	-68.7	207.0
102.00	-67.8	211.6
153.00	-66.6	210.3
201.00	-65.2	210.1
240.00	-62.1	210.4

# Selwyn Project Diamond Drill Log

Hole Number:  
**DNE-064**

**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	11.00	OVBR									
11.00	93.20	BSSM									
<p>›BSSM – Backside Siliceous Mudstone</p> <p>Devonian Siliceous Mudstone – Upper Chert Formation</p> <p>Greyish black laminated chert and siliceous mudstone. Randomly-oriented to bedding-parallel bioturbation is common in the bottom of the unit. « lm chrt 75.00-95.00% », « btrb 0.10-2.00cm »,          ‹ @ 22.70 S0 56° ›</p> <p>‹ @ 28.00 S0 Fine calcitic laminations. 58° ›</p> <p>‹ @ 41.30 S0 Bioturbated pseudo bed. 40</p> <p>‹ @ 55.90 S0 Bedding within FLMD layer. 55° ›</p> <p>‹ @ 78.60 S0 Defined by calcitic bedding. 42° ›</p> <p>‹ @ 91.00 S0 Defined by calcite laminations. 60° ›</p>											
93.20	154.00	FLMD									
<p>FLMD – Flaggy Mudstone Formation</p> <p>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. « birb 0.10-2.00cm », « cg xtl crns ca 1.00-5.00%</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%
5.00-150.00cm », « crns py 1.00-5.00% 0.10-0.50mm »,  < @ 104.00 S0 Silicious mudstone laminations 60° >  < @ 110.00 S0 Calcite and pyrite laminations in silicious mudstone 55° >  « 122.90- 126.00 FLT: 50% lost core, 30% comp core, 20 % BRCO »  < @ 129.10 S0 Bioturbated psudo beds 65° >  « 133.60- 135.30 FLT: 20% comp core, 70% BRCO, 10% GG »  < @ 144.10 S0 silicious lamination 40° >											
<b>154.00</b>	<b>186.00</b>	<b>USMS</b>	E6614851	183.00	184.50	1.50	0.06	0.34	1.25	10.10	0.19
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% »,			E6614852	184.50	186.00	1.50	0.01	0.06	1.25	3.10	0.19
< @ 159.10 S0 Defined by calcitic bed 50° >											

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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%
« 163.50- 163.80 FLT 80% BRCO, 20% Flt gauge »											
‹ @ 173.60 S0 Defined by calcareous bed 64° ›											
« 165.30- 186.00 FLT; 20% Comp core, 50% BRCO, 20% GG, 10% BX Large fault zone consisting mainly of BRCO, 5cm pieces, extends across ACTM to 199.0m. Graphitic shear planes throughout. Includes a number of small calcite concretions, and zones of dense calcite veining. »											
<b>186.00</b>	<b>198.00</b>	<b>ACTM</b>	E6614853	186.00	187.00	1.00	0.01	0.16	1.25	7.30	0.05
<i>ACTM – Active Member</i>			E6614854	187.00	188.10	1.10	0.43	2.19	1.25	65.70	0.20
			E6614855	188.10	188.60	0.50	0.70	3.28	1.25	97.30	0.21
<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>			E6614856	188.60	189.60	1.00	1.53	2.81	1.25	75.30	0.54
			E6614857	189.60	190.20	0.60	0.32	1.95	1.25	50.70	0.16
			E6614858	190.20	191.00	0.80	0.55	2.52	1.25	65.00	0.22
			E6614859	191.00	192.10	1.10	1.20	3.27	1.25	87.90	0.37
			E6614860	192.10	193.10	1.00	1.22	4.32	1.25	119.00	0.28
			E6614861	192.10	193.10	1.00	1.42	4.15	1.25	115.00	0.34
			E6614862	193.10	194.00	0.90	2.53	7.04	1.25	213.00	0.36
<i>The ACTM has 8 different facies:</i>			E6614863	194.00	195.00	1.00	1.38	2.93	1.25	96.30	0.47
			E6614864	195.00	195.90	0.90	0.06	0.85	1.25	46.60	0.07
			E6614865	195.90	197.60	1.70	0.09	0.18	1.25	7.40	0.52
<i>- GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.</i>			E6614866	197.60	198.00	0.40	0.01	0.69	1.25	45.70	0.01
<i>- 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 &amp; limestone nodules and abundant water escape structures. Most obvious structure in facies is cross-cutting veins</i>											

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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>containing massive sphalerite and galena with minor pyrite. They range in width from 0.5 to 10mm.</p> <p>- 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.</p> <p>- CHERTY MUDSTONE FACIES: Consists of a greyish black monotonous siliceous, 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</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%
		<p><i>massive carbonaceous siliceous mudstone with lenses and laminae of contorted, slightly carbonaceous chert.</i></p> <p>« FLT: ACTM is located within a fault zone, from 165.3-199.0. Full description included in USMS at 165.3m. »</p> <p>« 186.00- 188.10 Dark grey silicious mudstone, barren/trace mineralisation. »</p> <p>« 188.10- 188.60 Light grey calcareous mudstone, barren of mineralization. ACTM »</p> <p>« 188.60- 190.20 Medium grey calcareous mudstone, extreamly broken core, max length 6cm, weakly/moderately mineralized. »</p> <p>« @ 190.40 GG, 10cm wide »</p> <p>« @ 191.40 GG, 8cm wide »</p> <p>« 190.20- 192.10 Crecciated broken dark grey calcareous mudstone with calcite veining crosscutting bedding.</p> <p>« 192.10- 195.00 Dark grey calcareous mudstone. Medium grade, moderate mineralization, fine laminations throughout ~75% of this zone, with small barren sections up to 20cm wide. »</p> <p>« @ 192.30 S0 calcite lamination in barren section 65° »</p> <p>« 195.00- 195.90 Calcareous grey and light grey mudstone. Barren mineralization. BRCO 80%, and GG 20%. »</p> <p>« @ 196.50 S0 Calcite lamination 68° »</p> <p>« 195.90- 197.60 Calcareous dark grey mudstones. Trace mineralisation. Increase in density of calcite laminations from previous zone. Sheared micacious surfaces. »</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>198.00</b>	<b>240.00</b>	<b>CCMS</b>	E6614867	198.00	198.60	0.60	0.02	0.01	1.25	1.25	2.05
		CCMS – Calcareous Mudstone	E6614868	198.60	199.60	1.00	0.01	0.01	1.25	1.25	1.65
			E6614869	199.60	200.60	1.00	0.01	0.01	1.25	1.25	1.35
		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).	E6614870	200.60	200.60	0.00	0.01	0.00	1.25	1.25	9.47
			E6614871	200.60	200.60	0.00	1.41	3.97	25.70	267.00	0.36
		« 198.00- 199.00m FLT: Flt zone that includes ACTM (starts at 165.3m), terminates at 199m. Full description included in USMS at 165.3m »									
		« lm ca 5.00-10.00mm », « nodules py -3.00% 2.00-20.00mm »,									
		« @ 210.20 S0 defined by calcareous lamination 40° »									
		« @ 215.50 Defined by calcareous lamination 45° »									
		« 234.50- 239.30 FLT Falt zone, dense calcite veining, sheard graphitic breaks, 50% comp core, 40% BX, 10% BRCO »									
<b>240.00</b>	<b>240.00</b>	<b>EOH</b>									