

Hole No.: DNE-089	Depth: 255.00 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	NOD 41
Mining District:	Selwyn Basin	Grant Number:	YB49405
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	479258.14 m	True Azimuth:	60.0 °
UTM Northing:	6933065.62 m	Hole Angle:	-89.0 °
Elevation (m):	1164.55 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:	120.0 °		
Dimond Drilling Contract:			
Drilled By:	CYR-02	Date Drilling Start:	19-Apr-14
		Date Finish:	25-Apr-14
Diamond Drill Core:			
Logged By:	H.Grimson	Date Logging Start:	24-Apr-14
		Date Finish:	25-Apr-14
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	36.00 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	36.00 m
Level:		Section:	
		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

DNE-089

Hole Comments:

Sun, Apr 20 --- DS: Afternoon move to DNE-818 to drill hole DNE-089. NS: 36m of casing on DNE-089, 5m of drilling down to 41m total depth. Current lithology USMS, but need to see more to confirm.

Mon, Apr 21 ---DS: Spent all day with pull and re-reaming, very little recovery. Previous NS thought they were 6m deeper than really were. Now actually cased to 45m. NS: Drilled ~18m down to 63m total depth. Currently in USMS.

Tue, Apr 22 --- DS: Continued to battle fault. Continued to ream more casing down to 62m. Drilled 4m down to 67m total depth. NS: Battling faulted rock. Cased down to 72m? (Double check, no recovery 69-72m). Drilled/cased 10m down to total depth 76.7m. Currently in ACTM (from depth of 74.5m) but remains broken up. Confirm with more core.

Wed, Apr 23 ---DS: No major issues, drilled ~20m down to 92m total depth. NS: No major issues, drilled ~33m down to total depth of 124.5m. ACTM wide, but highly faulted with poor recovery. Currently in CCMS.

Thu, Apr 24 --- DS: Shift change, morning no drilling, afternoon, spent cleaning up and organizing shack, hydraulic pump went at end of shift. NS: Steady drilling down ~30m down to 150m total depth. Currently in FLT (since 148m) although CCMS observed from 110m to top of fault.

Fri, Apr 25 --- DS: No major issues, drilled 45m to total depth of 194m. (Cumulative meters wrong on yesterday DDU, said 92m, actually 149.2m). NS: Drilled all night, pulled rods and left casing in. Shut down 7:00AM April 25, 255m total depth. Moving to pad DNE-822 to drill DNE-093 April 25 late AM.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-89.0	60.0
60.00	-88.4	61.2
100.00	-88.1	59.5
150.00	-88.3	97.5
201.00	-88.5	86.4
255.00	-88.2	91.9

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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	36.00	OVBR											
36.00	74.50	USMS	E6615201	72.00	73.00	1.00	0.01	0.05	1.25	1.25	0.20		
<div>USMS – Upper Siliceous Mudstone</div> <div>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% »,</div> <div>« 37.70- 39.00 FLT 30%gg, 30%bx, 40%brco »</div> <div>« 42.00- 60.00 FLT and broken zone, significant core loss 10%gg, 50%bx, 20%brco, 20%intact core »</div> <div>‹ @ 51.00 NO CORE from 51.0-57.0m ›</div> <div>‹ @ 60.00 S0 57° Chert Band ›</div> <div>‹ @ 64.00 S0 Chert Band 74° ›</div> <div>« 64.20- 65.00 Very weak lamination, no smell associated with HCl »</div> <div>‹ @ 64.60 Calcite vein with minor galena bleb ›</div> <div>« 66.00- 74.50 BROKEN ZONE, drill problems and extensive core loss. 10% int, 20% brco, 60% bx, 10% gg»</div>			E6615202	73.00	74.50	1.50	0.01	0.03	1.25	1.25	0.44		
74.50	110.00	ACTM	E6615203	74.50	75.00	0.50	0.05	4.99	1.25	87.70	0.01		
<div>ACTM – Active Member</div> <div>The ACTM consists of a repetitive, possibly rhythmic, sequence of intercalated</div>			E6615204	75.00	75.80	0.80	0.07	0.09	1.25	2.80	0.80		
			E6615205	75.80	76.60	0.80	0.03	0.05	1.25	1.25	0.65		
			E6615206	76.60	77.40	0.80	0.01	0.00	1.25	1.25	3.86		

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<i>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>			E6615207	77.40	78.50	1.10	0.10	1.03	1.25	39.20	0.10
			E6615208	78.50	79.00	0.50	0.68	6.28	1.25	177.00	0.11
			E6615209	79.00	79.60	0.60	0.88	7.30	1.25	208.00	0.12
			E6615210	79.60	80.00	0.40	0.87	5.60	1.25	162.00	0.15
<p>=====</p> <p><i>The ACTM has 8 different facies:</i></p> <p>=====</p>			E6615211	79.60	80.00	0.40	0.73	5.66	1.25	159.00	0.13
			E6615212	80.00	80.50	0.50	0.05	0.15	1.25	3.30	0.31
			E6615213	80.50	80.90	0.40	7.32	6.31	2.80	193.00	1.16
			E6615214	80.90	81.40	0.50	0.10	0.30	1.25	6.30	0.32
<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>			E6615215	81.40	84.00	2.60	2.31	9.50	2.90	304.00	0.24
			E6615216	84.00	85.00	1.00	1.58	4.61	1.25	131.00	0.34
			E6615217	85.00	86.00	1.00	0.24	1.07	5.60	32.20	0.22
			E6615218	86.00	86.70	0.70	0.27	1.07	1.25	27.90	0.25
<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>			E6615219	86.70	87.60	0.90	0.02	0.06	1.25	1.25	0.34
			E6615220	87.60	87.60	0.00	0.01	0.00	1.25	1.25	1.67
			E6615221	87.60	88.50	0.90	0.21	0.99	1.25	26.20	0.21
<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>			E6615222	88.50	89.60	1.10	1.09	1.69	1.25	49.60	0.64
			E6615223	89.60	90.30	0.70	5.73	26.60	6.00	715.00	0.22
			E6615224	90.30	91.00	0.70	2.87	12.40	3.00	298.00	0.23
			E6615225	91.00	91.30	0.30	1.05	4.65	1.25	122.00	0.23
<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>			E6615226	91.30	92.00	0.70	2.01	8.78	1.25	294.00	0.23
			E6615227	92.00	94.50	2.50	5.16	15.50	3.10	722.00	0.33
			E6615228	94.50	97.00	2.50	0.11	0.36	1.25	10.00	0.30
			E6615229	97.00	98.00	1.00	0.06	0.10	1.25	3.90	0.54
<p>- THIN BEDDED CALCAREOUS MUDSTONE FACIES: <i>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>			E6615230	98.00	98.00	0.00	5.78	6.77	69.90	184.00	0.85
			E6615231	98.00	99.00	1.00	0.02	0.27	1.25	12.30	0.06
			E6615232	99.00	100.00	1.00	0.01	0.06	1.25	3.80	0.19
			E6615233	100.00	101.00	1.00	0.01	0.35	1.25	23.50	0.03
			E6615234	101.00	102.00	1.00	0.01	0.04	1.25	2.90	0.20
			E6615235	102.00	103.00	1.00	0.01	0.48	1.25	45.50	0.01
			E6615236	103.00	103.80	0.80	0.01	0.02	1.25	1.25	0.29
			E6615237	103.80	104.80	1.00	0.01	0.00	1.25	1.25	2.82
			E6615238	104.80	105.40	0.60	0.01	0.00	1.25	1.25	3.29
			E6615239	105.40	106.40	1.00	0.01	0.00	1.25	1.25	2.55

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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>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>« 74.50- 75.00 High-moderate grade, medium grey (decrease in carbon content), strong and tight parallel laminations, grainy sphalerite (may be pyrite?), light grey sphaleritic interlaminations, siliceous »</p> <p>« 75.00- 76.60 Barren mudstone, carbonaceous, siliceous »</p> <p>« 76.60- 77.40 Barren limestone, medium grey, very calcareous »</p> <p>« 77.40- 78.50 Rubble zone with core loss, siliceous, carbonaceous mudstone, egg-smell when HCl applied at end of interval (rubble is small and mineralization is difficult to break out »</p> <p>« 78.50- 79.60 Moderate-High grade, moderate to strong laminations are</p>			E6615240	106.40	107.40	1.00	0.01	0.01	1.25	1.25	1.09
			E6615241	106.40	107.40	1.00	0.01	0.01	1.25	1.25	1.01
			E6615242	107.40	108.40	1.00	0.01	0.04	1.25	3.30	0.19
			E6615243	108.40	109.40	1.00	0.01	0.01	1.25	1.25	1.63
			E6615244	109.40	110.00	0.60	0.01	0.00	1.25	1.25	3.14

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		parallel with very slight movement along water escape structures, often with course sphalerite grains, dark grey-brown, siliceous »									
		« 79.60- 80.00 Moderate-High grade, increase in carbon content from upper unit, moderate-strong laminations with slight water-escape movement, siliceous »									
		« 80.00- 80.50 Barren limestone, graded medium-light grey, very calcareous, homogeneous »									
		« 80.50- 80.90 Rubble zone with consolidated <15cm unit of High grade massive-style mineralization cut by a very large galena vein; surrounding rubble is hard to categorize. Siliceous. »									
		« 80.90- 81.40 Barren limestone, medium-light grey, very calcareous, homogenous »									
		« 81.40- 86.70 Moderate-high grade, extensive core loss, very broken, ~75% of brco is Moderate-High grade with strong and tight laminations, low carbon content, pale grey-brown, calcareous, 25% of rubble is barren limetsone »									
		« 86.70- 87.60 Barren limestone »									
		« 87.60- 89.60 Low-Moderate grade, dark grey, tight and moderate laminations are often parallel, calcareous, broken with core loss »									
		« 89.60- 91.00 High grade, massive mineralization, pale-grey, very fine and tight laminations have "blended" appearance, siliceous, frequent galena blebs »									
		« 91.00- 91.30 Moderate grade, calcareous, increase in carbon, dark grey-brown »									
		« 91.30- 94.50 High grade, extensive core loss (<0.5m of rubble between									

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93.0-96.0m, mineralization in upper half of rubble), massive-style mineralization, pale grey with very fine "blended" laminations, calcareous »											
« 94.50- 98.00 Barren dark-medium grey limestone, very calcareous, homogenous, local rubble and fault gouge »											
« 98.00- 103.80 Barren mudstone, calcareous, carbonaceous with frequent graded limestone concretions »											
« 103.80- 105.40 Basal limestone »											
« 105.40- 108.40 Barren carbonaceous mudstone, very calcareous, homogenous »											
« 108.40- 110.00 Basal limestone »											
110.00	255.00	CCMS	E6615245	110.00	111.00	1.00	0.01	0.00	1.25	1.25	2.84
CCMS – Calcareous Mudstone			E6615246	111.00	111.00	0.00	0.01	0.00	1.25	1.25	4.40
			E6615247	111.00	111.00	0.00	1.49	2.72	22.40	176.00	0.55
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).											
« lm ca 5.00-10.00mm », « nodules py -3.00% 2.00-20.00mm »,											
« 126.00- 135.00 FLT 25% intact core, 25% brco, 25% bx, 25% gg »											
« @ 136.00 S0 Pyritic band 53° »											
« @ 139.00 S0 Pyritic lamination 80° »											
« @ 147.00 S0 Calcite bed 25° »											
« 147.00- 155.60 Breccia: extensive calcite vein network brecciates mudstone,											



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consolidated »											
◁ @ 158.00 S0 Carbonaceous band 38° ▷											
◁ @ 169.00 S0 29° ▷											
◁ @ 183.00 S0 Pyritic lineation 59° ▷											
◁ @ 191.00 S0 Broken calcite lineation 64° ▷											
◁ @ 207.00 S0 64° ▷											
◁ @ 220.00 S0 Pyritic band 66° ▷											
◁ @ 235.50 S0 54° ▷											
◁ @ 244.00 S0 47° ▷											
255.00	255.00	EOH									