

Hole No.: DNE-085	Depth: 209.00 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:	479454.03 m	True Azimuth:	210.0 °
UTM Northing:	6933122.60 m	Hole Angle:	-70.0 °
Elevation (m):	1159.47 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:	270.0 °		
Dimond Drilling Contract:			
Drilled By:	CYR-01	Date Drilling Start:	14-Apr-14
		Date Finish:	17-Apr-14
Diamond Drill Core:			
Logged By:	H.Grimson	Date Logging Start:	16-Apr-14
		Date Finish:	17-Apr-14
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	45.10 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	45.10 m
Level:		Section:	
		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

DNE-085

Hole Comments:

Tue, Apr 15 --- DS: Move from DNE-083 to DNE-085 (811), locate new water source. NS: casing down to 45m.

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Wed, Apr 16 ---DS: No problems, ended shift in USMS. NS: no issues drilling, in ACTM at end of shift (at 105m). Intersected ACTM higher than expected.

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Thu, Apr 17 --- DS: mechanical issue with the hydraulics. Drilling by 9:30am, advanced ~21m. NS: No problems, drilled ~38m. Continue in CCMS. Drilling to TD to test for an ACTM repeat.

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Fri, Apr 18 --- DS: drilled 45m. Shut down hole at the of shift @ 209m in CCMS. NS: tear down and move to DNE-088. Lined up by midnight. 49m casing by end of shift.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-70.0	210.0
56.00	-70.7	208.9
101.00	-69.4	206.0
152.00	-68.9	207.0
200.00	-68.7	208.8

Selwyn Project Diamond Drill Log

Hole Number:
DNE-085

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	45.10	OVBR										
45.10	58.70	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 », « 53.80- 58.40 FLT: 60% intact core, 20% brco, 15% bx, 5% gg » ‹ @ 51.00 S0 46° ›												
58.70	85.20	USMS	E6613701	84.00	85.00	1.00	0.77	0.09	1.25	3.10	8.76	
USMS – Upper Siliceous Mudstone			E6613702	85.00	86.00	1.00	0.02	0.29	1.25	10.40	0.07	
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% », « 58.80- 63.80 FLT: 5% intact core, 50% brco, 40% bx, 5% gg » ‹ @ 69.00 S0 54° › « 79.00- 82.00 FLT: 90% brco, 5% bx, 5% intact core+gg » ‹ @ 82.80 S0 46° ›												
85.20	86.60	FLT	E6613703	86.00	86.60	0.60	0.39	1.08	1.25	35.50	0.36	

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		5% Intact core, 25% brco, 65% bx, 5% gg									
		Barren, carbonaceous mudstone with potential weakly mineralized mudstone near the very end of the interval, core loss									
86.60	107.80	ACTM	E6613704	86.60	87.60	1.00	1.27	6.89	1.25	244.00	0.18
		ACTM – Active Member	E6613705	87.60	89.00	1.40	1.65	7.25	1.25	216.00	0.23
			E6613706	89.00	90.00	1.00	0.49	1.12	1.25	29.10	0.44
		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.	E6613707	90.00	91.00	1.00	0.21	0.85	1.25	21.70	0.24
			E6613708	91.00	92.00	1.00	1.47	4.32	1.25	125.00	0.34
			E6613709	92.00	92.60	0.60	0.03	0.66	1.25	22.20	0.04
			E6613710	92.60	93.20	0.60	0.02	0.03	1.25	1.25	0.88
			E6613711	92.60	93.20	0.60	0.06	0.02	1.25	1.25	2.45
			E6613712	93.20	94.00	0.80	1.67	8.16	1.25	205.00	0.20
			E6613713	94.00	95.00	1.00	0.12	0.06	1.25	1.25	2.17
		The ACTM has 8 different facies:	E6613714	95.00	95.90	0.90	0.06	0.12	1.25	3.10	0.50
			E6613715	95.90	96.80	0.90	2.12	7.79	1.25	243.00	0.27
			E6613716	96.80	97.70	0.90	2.64	6.66	1.25	201.00	0.40
		- GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.	E6613717	97.70	98.20	0.50	0.03	0.20	1.25	5.20	0.18
			E6613718	98.20	99.00	0.80	3.41	11.60	1.25	426.00	0.29
			E6613719	99.00	99.60	0.60	2.69	9.89	2.70	300.00	0.27
		- 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.	E6613720	99.60	99.60	0.00	0.01	0.01	1.25	1.25	1.67
			E6613721	99.60	100.30	0.70	2.20	5.46	1.25	163.00	0.40
			E6613722	100.30	101.30	1.00	0.02	0.02	1.25	1.25	0.77
			E6613723	101.30	101.80	0.50	1.02	1.92	1.25	78.10	0.53
			E6613724	101.80	102.80	1.00	0.02	0.01	1.25	1.25	1.17
			E6613725	102.80	103.80	1.00	0.02	0.11	1.25	4.40	0.16
			E6613726	103.80	104.80	1.00	0.02	0.12	1.25	6.70	0.14
			E6613727	104.80	105.70	0.90	0.01	0.05	1.25	4.40	0.23
			E6613728	105.70	107.00	1.30	0.01	0.00	1.25	1.25	6.52
		- 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.	E6613729	107.00	107.80	0.80	0.01	0.00	1.25	1.25	2.26
		- CHERTY MUDSTONE FACIES: Consists of a greyish black monotonous siliceous,									

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		<p>carbonaceous mudstone. It is most typically found overlying the thin bedded calcareous mudstone facies.</p> <p>- <i>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.</p> <p>- <i>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.</p> <p>- <i>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.</p> <p>- <i>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.</p> <p>- <i>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.</p> <p>« 86.60- 87.60 High grade, siliceous, parallel and blocky laminations are med-light grey in colour »</p> <p>« 87.60- 92.00 Low-Moderate grade, moderate laminations are sometimes widely spaced, very broken, dominantly siliceous, locally calcareous, carbonaceous »</p>									

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		« 92.00- 93.20 Barren carbonaceous mudstone, homogeneous, siliceous »									
		« 93.20- 94.00 High grade, strong and finely slumped laminations, upper 30cm of interval is siliceous and then sharply transitions to calcareous, brownish grey in colour »									
		« 94.00- 95.90 Barren grey limestone »									
		« 95.90- 96.80 Moderate grade, moderate-strong very tightly spaced laminations, weakly calcareous grades to siliceous »									
		« @ 95.30 Narrow FLT gouge zone <15cm »									
		« 96.80- 97.70 Low grade, very calcareous limestone, medium-light grey, weak-moderate laminations, galena blebs »									
		« 97.70- 98.20 Barren limestone, weakly laminated »									
		« 98.20- 100.30 High-moderate grade, strong laminations with minor movement along water escape features, dominantly weakly calcareous with discrete siliceous regions, light "sphalerite-grey intervals »									
		« 100.30- 101.30 Barren limestone »									
		« 101.30- 101.80 Low grade, spaced and weak laminations, very calcareous medium-grey limestone »									
		« 101.80- 105.70 Barren mudstone, carbonaceous, calcareous, local very weak laminations »									
		« 105.70- 107.80 Basal limestone, very homogeneous, fine grained »									
		« @ 107.70 10cm-unit: strongly laminated, strongly slumped, very calcareous »									



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