

Hole No.: DNE-091	Depth: 222.00 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	NOD 10
Mining District:	Selwyn Basin	Grant Number:	YB49374
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	479374.19 m	True Azimuth:	220.0 °
UTM Northing:	6933231.57 m	Hole Angle:	-83.0 °
Elevation (m):	1154.56 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:	100
Grid Azimuth:	280.0 °		
Dimond Drilling Contract:			
Drilled By:	NL-01	Date Drilling Start:	22-Apr-14
		Date Finish:	26-Apr-14
Diamond Drill Core:			
Logged By:	H. Grimson	Date Logging Start:	27-Apr-14
		Date Finish:	28-Apr-14
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	60.00 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	60.00 m
Level:		Section:	
		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

DNE-091

Hole Comments:

Tue, Apr 22 --- DS: No major issues, drilled almost 50m down to 242m total depth. NS: No major issues, drilled ~53m to 295m total depth. Drill shut down at 8:15AM, in CCMS, end of hole to be confirmed when core comes in ~298m?. Moving late AM/ early PM April 22, to pad DNE-816 to drill hole DNE-091.

Wed, Apr 23 ---DS: Moved and lined up by 11:30AM. Assumed casing to shift change, as no core brought in. NS: Continued casing, as last hole in area, likely significant sandy overburden.

Thu, Apr 24 --- DS: Casing through bad ground. NS: Casing in bad ground, cased to ~60m but core has not come in to confirm. Unknown current lithology.

Fri, Apr 25 --- DS: Core recovered! Drilling 30m down to 92.5m total depth. NS: No major issues, 40m of drilling down to total depth of 133m. (Tab says 133m of production, but accounting for days of casing not observed). Currently in USMS.

Sat, Apr 26 --- DS: Caving hole, re-reaming/washing/conditioning hole. Uncertain depth at shift change. NS: No major issues, drilled down to total depth 190m (57m of combined production). Currently in ACTM.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-83.0	220.0
60.00	-81.7	222.0
100.00	-82.0	222.0
150.00	-82.1	222.2
200.00	-81.8	220.5
222.00	-81.6	220.5

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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	60.00	OVBR									
60.00	81.00	BSSM <i>BSSM – Backside Siliceous Mudstone</i> <i>Devonian Siliceous Mudstone – Upper Chert Formation</i> <i>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 »,</i> <i>« @ 67.00 S0 38° »</i> <i>« 71.00- 81.00 Fault 10% intact, 40% brco, 20% bx, 30% gg »</i>									
81.00	117.40	FLMD <i>FLMD – Flaggy Mudstone Formation</i> <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> <i>« @ 87.00 S0 Weakly bioturbated 50° »</i> <i>« 94.50- 102.50 FLT 25% intact, 25% brco, 25% bx, 25% gg »</i> <i>« @ 112.00 S0 52° »</i>									
117.40	168.40	USMS <i>USMS – Upper Siliceous Mudstone</i> <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</i>	E6615451	166.20	167.40	1.20	0.01	0.38	1.25	14.30	0.03
			E6615452	167.40	168.40	1.00	0.54	2.93	1.25	114.00	0.18

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		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% », ‹ @ 122.00 S0 45° › ‹ @ 127.00 S0 63° › « 129.00- 149.50 Very broken, significant gg and brecciation »									
168.40	203.70	ACTM	E6615453	168.40	169.00	0.60	0.49	2.85	1.25	111.00	0.17
		ACTM – Active Member	E6615454	169.00	170.00	1.00	1.92	12.90	3.00	415.00	0.15
			E6615455	170.00	170.60	0.60	1.76	12.50	3.10	386.00	0.14
		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.	E6615456	170.60	171.40	0.80	4.90	19.30	4.10	707.00	0.25
			E6615457	171.40	171.90	0.50	4.83	18.10	3.90	700.00	0.27
			E6615458	171.90	172.90	1.00	2.81	4.59	1.25	247.00	0.61
			E6615459	172.90	173.60	0.70	8.51	29.90	5.80	1260.00	0.28
			E6615460	173.60	174.30	0.70	2.53	8.19	1.25	289.00	0.31
			E6615461	173.60	174.30	0.70	1.79	7.47	1.25	248.00	0.24
		=====	E6615462	174.30	175.20	0.90	2.46	8.18	1.25	281.00	0.30
		The ACTM has 8 different facies:	E6615463	175.20	175.80	0.60	6.39	18.00	3.60	841.00	0.36
		=====	E6615464	175.80	176.30	0.50	7.82	29.80	5.00	1290.00	0.26
		- GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.	E6615465	176.30	177.10	0.80	1.56	7.01	1.25	270.00	0.22
			E6615466	177.10	178.00	0.90	1.53	7.23	1.25	265.00	0.21
		- 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	E6615467	178.00	178.40	0.40	3.84	8.98	3.20	265.00	0.43
			E6615468	178.40	178.70	0.30	1.09	0.60	1.25	19.10	1.82
			E6615469	178.70	179.00	0.30	3.97	9.37	3.20	276.00	0.42
			E6615470	179.00	179.00	0.00	0.01	0.02	1.25	1.25	0.59
			E6615471	179.00	179.90	0.90	0.24	1.08	1.25	27.50	0.22
			E6615472	179.90	180.40	0.50	0.46	1.87	1.25	49.00	0.24
			E6615473	180.40	181.00	0.60	0.46	1.79	1.25	47.70	0.26
			E6615474	181.00	182.70	1.70	0.05	0.49	1.25	15.00	0.09
			E6615475	182.70	183.70	1.00	3.05	6.32	1.25	147.00	0.48

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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%
from 0.5 to 10mm.			E6615476	183.70	184.70	1.00	1.13	6.05	1.25	158.00	0.19
- 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.			E6615477	184.70	185.30	0.60	0.56	0.98	1.25	21.50	0.57
			E6615478	185.30	186.00	0.70	0.57	1.01	1.25	22.00	0.57
			E6615479	186.00	186.60	0.60	1.66	4.34	1.25	121.00	0.38
			E6615480	186.60	186.60	0.00	5.73	6.71	68.60	189.00	0.85
- CHERTY MUDSTONE FACIES: Consists of a greyish black monotonous siliceous, carbonaceous mudstone. It is most typically found overlying the thin bedded calcareous mudstone facies.			E6615481	186.60	187.10	0.50	1.61	4.28	1.25	120.00	0.38
			E6615482	187.10	188.00	0.90	1.40	5.82	1.25	158.00	0.24
			E6615483	188.00	189.00	1.00	1.35	6.19	1.25	155.00	0.22
			E6615484	189.00	189.60	0.60	1.59	7.95	1.25	209.00	0.20
- 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.			E6615485	189.60	190.00	0.40	1.48	6.67	1.25	202.00	0.22
			E6615486	190.00	190.50	0.50	0.96	4.27	1.25	102.00	0.22
			E6615487	190.50	190.90	0.40	0.11	0.65	1.25	12.80	0.17
- 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.			E6615488	190.90	191.60	0.70	2.18	8.47	1.25	216.00	0.26
			E6615489	191.60	192.00	0.40	2.16	7.10	1.25	216.00	0.30
			E6615490	192.00	193.00	1.00	0.07	0.15	1.25	2.90	0.45
			E6615491	192.00	193.00	1.00	0.08	0.16	1.25	3.60	0.51
- 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.			E6615492	193.00	195.00	2.00	0.07	0.14	1.25	3.20	0.49
			E6615493	195.00	195.60	0.60	0.04	0.10	1.25	3.60	0.39
			E6615494	195.60	196.70	1.10	0.04	0.10	1.25	3.70	0.36
			E6615495	196.70	197.70	1.00	0.06	0.13	1.25	4.70	0.47
- 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.			E6615496	197.70	198.70	1.00	0.01	0.20	1.25	13.20	0.05
			E6615497	198.70	199.30	0.60	0.01	1.09	2.80	81.80	0.01
			E6615498	199.30	200.60	1.30	0.01	1.11	3.00	80.70	0.01
			E6615499	200.60	201.90	1.30	0.01	0.19	1.25	13.60	0.06
- 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,			E6615500	201.90	201.90	0.00	0.01	0.00	1.25	1.25	6.11
			E6615501	201.90	202.70	0.80	0.01	0.00	1.25	1.25	3.10
			E6615502	202.70	203.70	1.00	0.01	0.00	1.25	1.25	4.78

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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%
		<i>slightly carbonaceous chert.</i>									
		« 168.40- 169.00 Low grade, carbonaceous mudstone, siliceous, weakly laminated »									
		« 169.00- 170.00 High grade, massive-style mineralization "blended" laminations, siliceous, pale grey, very fine grained, galena veins »									
		« 170.00- 171.40 High grade, pale grey, siliceous, laminations are more distinct than in upper unit and only locally "blended" massive-style-mineralization, siliceous, galena veins »									
		« 171.40- 171.90 Moderate grade, increase in carbon content, dark grey, tight and highly deformed laminations, locally wide spaced, siliceous »									
		« 171.90- 172.90 Barren limestone »									
		« 172.90- 173.60 High grade, massive-style-mineralization and local strongly defined laminations, pale grey, siliceous, fine grained »									
		« 173.60- 175.20 Low grade, carbonaceous mudstone with weakly defined laminations, siliceous »									
		« @ 175.00 High grade, massive mineralization, <15cm unit »									
		« 175.20- 176.30 High grade, massive mineralization, pale grey, siliceous, very tight laminations "blend" »									
		« 176.30- 177.10 FLT: High grade, significant core loss and fine grained rubble which still produces strong egg-smell when HCl is applied, 5% brco, 95% bx, 5% gg »									
		« 177.10- 178.00 Moderate grade, carbonaceous mudstone, laminations are very offset by water escape strcutres, siliceous »									

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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%
		« 178.00- 178.40 Moderate grade, decrease in carbon, medium-dark grey, moderate laminations are deformed, siliceous »									
		« 178.40- 178.70 Barren limestone »									
		« 178.70- 179.00 Low grade-trace, carbonaceous mudstone, weakly laminated, weakly calcareous »									
		« 179.00- 179.90 FLT 10%bx, 90% gg, potential low grade mineralization (subtle egg-odor associated with HCl, small fragments appear weakly laminated) »									
		« 179.90- 181.00 Low-trace grade, carbonaceous mudstone (barren) with spaced laminated bands of course grained sphaleritic pale grey laminations »									
		« 181.00- 182.70 FLT 15% int, 15% brco, 35% bx, 35% gg »									
		« 182.70- 184.70 High-moderate grade, pale grey, moderately defined laminations are sometimes blended/massive, calcareous (decrease in calcareousness with depth). local rubble »									
		« 184.70- 185.30 Barren limestone »									
		« 185.30- 187.10 Low grade, weak and spaced laminations, frequent barren limestones, minor galena, calcareous »									
		« 187.10- 189.00 Low-moderate grade, breccia: brecciated by extensive water escape structures, calcareous, carbonaceous, medium-dark grey »									
		« 189.00- 189.60 Moderate grade, strongly deformed laminations, extensive deformation (smooth/undulating), carbonaceous, medium-dark grey, calcareous »									
		« 189.60- 190.50 Moderate-high grade, weakly calcareous, very well defined and tight laminations with extensive blocky deformation, medium-dark grey »									

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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%
« 190.50- 190.90 Barren limestone »											
« 190.90- 192.00 High grade, medium grey, very strong laminations are tight with frequent small-scale blocky movement along water escape structures, weakly calcareous to siliceous »											
« 192.00- 195.60 Barren limestone »											
« 195.60- 196.70 Barren carbonaceous mudstone, siliceous, interval ends with narrow unit of FLT gg »											
« 196.70- 199.30 Barren carbonaceous limey mudstone, calcareous »											
« 199.30- 201.90 FLT: broken rubble zone, carbonaceous mudstone, siliceous, homogenous, 60% bx, 20% brco, 10% int, 10% gg »											
« 201.90- 203.70 Basal limestone »											
203.70	222.00	CCMS	E6615503	203.70	204.50	0.80	0.01	0.00	1.25	1.25	3.06
CCMS – Calcareous Mudstone			E6615504	204.50	205.50	1.00	0.01	0.01	1.25	1.25	2.33
			E6615505	205.50	205.50	0.00	1.41	2.89	18.80	188.00	0.49
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 »,											
‹ @ 217.00 S0 55° ›											
‹ @ 221.50 S0 42° ›											
222.00	222.00	EOH									