

Hole No.: DNE-125	Depth: 231.00 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:	479292.80 m	True Azimuth:	320.0 °
UTM Northing:	6932955.86 m	Hole Angle:	-62.0 °
Elevation (m):	1169.28 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:	0.0 °		
Dimond Drilling Contract:			
Drilled By:	NL-01	Date Drilling Start:	28-Aug-14
		Date Finish:	31-Aug-14
Diamond Drill Core:			
Logged By:	H. Grimson	Date Logging Start:	31-Aug-14
		Date Finish:	01-Sept-14
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	18.00 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	18.00 m
Level:		Section:	
		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

DNE-125

Hole Comments:

Fri, Aug 29 --- DS: Cementing HCW-085, 60 bags, 15 batches + bentonite. Hook on th P casing. Break out 36 m. Tear down rig. Move from HCW-085 to DNE-125 (DNE-863). Wait 1 hour for operator. NS: drill / ream down to 36m. Pull rods, hole is very tight. Re-ream 18-36m with rod grease. Very broken, blocky.

Sat, Aug 30 --- DS: drilled 33 m down to 69m. Drilled in a fault with lots of reaming. Pull and lower, lost core. Drilled through fault, blocky core, high torque. Used 2 oil, 1 clay seam, 1 blue and one gold (includes both shifts) NS: drilled 48m down to 117m. Good drilling; ream from 81-87m; washing hole at end of runs.

Sun, Aug 31 --- DS: drilled 69m down to 186m. Some good and some bad drilling. For both shifts, used 2 canola oil, 1 linseed soap. NS: drilled 18m down to 204m. Bit change at 69m; ream 18 to 100m; wash hole; hole is free; broken, blocky.

Mon, Sep 01 ---DS: drilled 27m down to 231m, EOH. Did 6 downhole tests, break out rods, hook on the casing and pull out 18m. Spin drill and set-up on same pad, DNE-127 (ANE-864). Tricone from 0-15m, pull out tricone, lower NW with casing shoe. NS: drilled 27m down to 42m. Broken, blocky; running thick polymer, washing in between runs, high torque. Pull rods for grease at 36m and back ream out. Very tight hole. Ream 15-36m. Free hole, good return.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-62.0	320.0
30.00	-62.7	321.4
51.00	-62.7	322.4
102.00	-63.0	324.4
150.00	-63.2	327.3
201.00	-62.7	327.8
231.00	-62.1	328.9

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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	18.00	OVBR									
Casing, no recovery											
18.00	92.90	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 », « 21.00- 23.10 mechanical rubble and low angle gg-fill jointing » ‹ @ 25.00 flaggy texture 63°TCA › « 36.00- 41.40 mechanical rubble and low angle fractures » ‹ @ 44.70 flaggy texture 66°TCA › ‹ @ 53.60 flaggy texture 61° › « 61.70- 65.50 mechanical rubble region » ‹ @ 65.00 flaggy texture 65° TCA › « 67.50- 72.20 solid core and mechanical rubble, very minor gg-fill, low angle joints <10°TCA » ‹ @ 78.00 flaggy texture 57°TCA › « 78.60- 80.30 solid core with gg-fill low angle jointing »											
92.90	173.40	USMS	E6628101	171.00	172.00	1.00	0.02	0.07	1.25	1.25	0.31
USMS – Upper Siliceous Mudstone			E6628102	172.00	173.40	1.40	0.01	0.18	1.25	6.20	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% », Sharp transition (<10cm) into carbonaceous non-flaggy mudstone. Upper homogenous non-ductile region of USMS until 102.0m.											

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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>« 92.20- 96.90 FLT: graphitic carbonaceous broken core and significant gg infilling joints; 40% of interval=gg, very graphitic open fracture planes, 16°TCA »</p> <p>◁ @ 101.80 graphitic slickenlines along joint; alpha=11, gamma=69°TCA ▷</p> <p>◁ @ 102.00 parallel pyrite bands (<mm) ▷</p> <p>◁ @ 112.20 parallel chert bands sometimes with pyrite concretions 66°TCA ▷</p> <p>◁ @ 144.00 parallel calcite bands 62°TCA ▷</p> <p>« 156.30- 159.00 calcite-qtz stockwork veining comprises ~50% of interval and brecciates siliceous+weakly laminated mudstone (silicified limestone?), this form of alteration typical of USMS approaching ACTM; alpha=32° »</p> <p>« 160.80- 163.30 FLT: 75% carbonaceous gg with angular weakly graphitic rubble <cm, significant qtz-calcite rubble »</p> <p>◁ @ 166.00 calcite banding 64°TCA ▷</p> <p>« 163.30- 174.10 cherty/silicified (?) lower USMS »</p>											
173.40	206.70	ACTM	E6628103	173.40	174.10	0.70	0.17	0.14	1.25	5.00	1.22
ACTM – Active Member			E6628104	174.10	175.00	0.90	0.08	0.44	1.25	17.50	0.18
<p>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.</p> <p>=====</p> <p>The ACTM has 8 different facies:</p> <p>=====</p> <p>- GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.</p>			E6628105	175.00	175.30	0.30	2.24	8.32	4.10	259.00	0.27
			E6628106	175.30	175.80	0.50	0.89	10.50	1.25	298.00	0.08
			E6628107	175.80	176.50	0.70	1.47	16.20	5.00	475.00	0.09
			E6628108	176.50	177.50	1.00	0.17	0.82	1.25	25.20	0.20
			E6628109	177.50	178.90	1.40	0.62	4.58	1.25	123.00	0.14
			E6628110	178.90	179.90	1.00	0.22	1.40	1.25	35.30	0.15
			E6628111	178.90	179.90	1.00	0.23	1.75	1.25	42.40	0.13
			E6628112	179.90	180.40	0.50	0.29	0.73	1.25	17.50	0.40
			E6628113	180.40	181.40	1.00	0.29	0.70	1.25	17.30	0.42
			E6628114	181.40	182.80	1.40	0.05	0.26	1.25	6.30	0.21
			E6628115	182.80	183.80	1.00	0.11	0.44	1.25	10.10	0.24
			E6628116	183.80	184.70	0.90	0.07	0.56	1.25	16.80	0.13
			E6628117	184.70	185.30	0.60	0.04	0.17	1.25	5.50	0.22
			E6628118	185.30	186.00	0.70	0.26	0.05	1.25	1.25	5.48

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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%
<p>- 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.</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</p>			E6628119	186.00	187.00	1.00	5.88	21.50	5.70	628.00	0.27
			E6628120	187.00	187.00	0.00	0.01	0.00	1.25	1.25	2.60
			E6628121	187.00	188.00	1.00	0.89	5.62	1.25	143.00	0.16
			E6628122	188.00	188.70	0.70	0.27	0.23	1.25	6.00	1.18
			E6628123	188.70	189.20	0.50	1.35	4.19	1.25	104.00	0.32
			E6628124	189.20	189.90	0.70	0.64	2.86	1.25	73.80	0.22
			E6628125	189.90	190.20	0.30	1.31	4.15	1.25	107.00	0.32
			E6628126	190.20	191.10	0.90	2.15	8.84	1.25	236.00	0.24
			E6628127	191.10	192.00	0.90	0.85	4.29	1.25	97.20	0.20
			E6628128	192.00	193.00	1.00	0.86	6.31	1.25	147.00	0.14
			E6628129	193.00	193.40	0.40	0.30	0.93	1.25	27.40	0.33
			E6628130	193.40	193.40	0.00	1.42	2.88	20.40	199.00	0.49
			E6628131	193.40	193.90	0.50	0.87	3.76	1.25	101.00	0.23
			E6628132	193.90	194.50	0.60	0.02	0.04	1.25	1.25	0.45
			E6628133	194.50	195.20	0.70	0.01	0.01	1.25	1.25	0.52
			E6628134	195.20	196.20	1.00	0.01	0.03	1.25	1.25	0.40
			E6628135	196.20	197.20	1.00	0.02	0.12	1.25	5.00	0.19
			E6628136	197.20	198.20	1.00	0.01	0.34	1.25	25.20	0.02
			E6628137	198.20	199.00	0.80	0.01	0.04	1.25	2.50	0.16
			E6628138	199.00	200.00	1.00	0.29	2.48	8.10	168.00	0.12
			E6628139	200.00	201.00	1.00	0.08	0.10	1.25	7.50	0.87
			E6628140	201.00	202.00	1.00	0.04	0.04	1.25	1.25	1.14
			E6628141	201.00	202.00	1.00	0.04	0.04	1.25	1.25	1.01
			E6628142	202.00	203.00	1.00	0.01	0.21	1.25	23.10	0.03
			E6628143	203.00	204.00	1.00	0.01	0.04	1.25	3.90	0.15
			E6628144	204.00	204.50	0.50	0.01	0.02	2.50	1.25	0.70
			E6628145	204.50	205.20	0.70	0.01	0.00	1.25	1.25	2.59
			E6628146	205.20	206.00	0.80	0.00	0.00	1.25	1.25	2.07
			E6628147	206.00	206.70	0.70	0.01	0.00	1.25	1.25	41.60

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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>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><i>« 173.40- 174.10 Trace-low grade, carbonaceous, siliceous, non-calcareous, dark grey mudstone with fine grained disseminated sphalerite±Pb, granular sphalerite (poorly confined in beds), cubic-pyrite-calcite vein at upper contact; graphitic jointing ±slicksides: alpha=<10°TCA, gamma=69°TCA (@173.5m) »</i></p> <p><i>« 174.10- 175.00 Barren limestone with radial calcite alteration and micritic, weathered/a pitted appearance; at lower contact (<20cm): poorly defined laminations, low grade mineralization »</i></p> <p><i>« 175.00- 175.30 High grade (?); mechanical rubble zone, large pyrite clasts/rubble, siliceous, pale grey massive-style-mineralization (not laminated, fine grained disseminated sulphides, pyritic »</i></p> <p><i>« 175.30- 175.80 High grade, pale grey-beige, opaque beige sphalerite "blebs" aligned in bands with distinct foliations (but not quite banded or laminated) @ 46°TCA, minor orange sphalerite crystals, overprinting pyrite; siliceous, non-calcareous, galena stringers, large cubic-pyrite breccia @ lower contact (~10cm) »</i></p> <p><i>« 175.80- 176.50 High grade; gg-altered and sheared with vuggy open fractures, rubble and gg at lower contact, siliceous, non calcareous dark-medium grey with fine grained disseminated sulphide laminations cut by extensive medium-grey sulphide enriched fluid escape structures »</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%
		« 176.50- 177.50 Trace-low grade, micritic limestone, very calcareous (sometimes creating a lustrous appearance), medium grained, weakly laminated »									
		« 177.50- 178.90 Rubble zone; mechanical and natural breaks; minor gg, carbonaceous dark grey-black mudstone, ±calcareous »									
		« 178.90- 179.90 Moderate grade, siliceous±calcareous, medium grey mudstone cut by pale grey mineralized bands and laminations that intercalate with each other (<1cm to >2cm, parallel @40°TCA), with grainy appearance »									
		« 179.90- 184.70 Trace grade; significant qtz-calcite veining up to 10cm, angular non-graphitic rubble (mechanical?), very minor gg, calcareous below ~182.8m; medium grey-dark grey (carbon increases with depth) »									
		« 184.70- 186.00 Barren, carbonaceous dark grey-black mudstone, siliceous, non-calcareous, massive appearance/homogenous with minor pyrite laminations and bands »									
		« 186.00- 188.00 High grade, pale grey, siliceous, non-calcareous, very well defined and tightly spaced laminations change frequently from undeformed+parallel to wavy to blocky-offset, pale grey narrow fluid escape structures are very well defined, galena stringers cross-cut and follow foliation, large creamy-orange sphalerite crystals infill fluid escapes and qtz-calcite veining (abundant near lower contact), mechanical rubbles from 186.5-187.7m with significant core loss (<0.5cm recovery) »									
		« 188.00- 188.70 Barren limestone, fine grained, micritic ±very poorly developed laminations cut by irregularly oriented calcite-qtz veins »									
		« 188.70- 189.20 Moderate grade, calcareous, interbedded limestone and mudstone with significant qtz-calcite bands as well as large orange sphalerite grains concentrated within bands »									
		« 189.20- 189.90 Moderate grade, medium grey limestone, very calcareous,									

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		<p><i>poorly defined sulphide laminations, cut by high grade pale grey sulphide rich bands with grainy appearance »</i></p> <p>« 189.90- 190.20 Moderate grade, medium-dark, grey-brown mudstone, ±calcareous, moderately defined laminations, offset along microfaults, large galena blebby infill »</p> <p>« 190.20- 193.00 High grade, pale grey, calcareous, very well defined laminations overprinted by galena stringers and cross cut by galena-infilled extensional (mm-scale) structures, fluid escapes and microfaults, minor barren limestone concretions »</p> <p>« 193.00- 193.40 Trace, limestone, medium grey, very calcareous, homogenous with abundant laminations »</p> <p>« 193.40- 193.90 Moderate grade, calcareous limestone, medium grey and poorly defined laminations, pale grey sulphide-rich bands that have a grainy appearance and are cut by galena stringers »</p> <p>« 193.90- 195.20 Barren, fine- to medium-grained limestone±poorly defined laminations »</p> <p>« 195.20- 198.20 Barren-trace, mudstone, dark grey, homogenous and cut by significant irregular qtz-calcite veins, only one high grade band @197.7m (<5cm), pale grey, fine grained disseminated sphalerite) »</p> <p>« 198.20- 199.00 Barren limestone, weakly laminated with weak brecciating calcite vein at lower contact »</p> <p>« 199.00- 204.50 Barren, carbonaceous mudstone, homogenous dark grey and cut by qtz-calcite veins, resembles USMS: graphitic, ±slickensides along foliation, increased veining; significant overprinted by pyrite near lower contact »</p> <p>« 204.50- 206.70 Basal limestone; slumped and somewhat brecciated upper</p>									



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