Selwyn Chihong Mining Ltd.
#2701-1055 West Georgia
Vancouver, British Columbia
Canada V6E 0B6
604-620-6188

Selwyn Project

Diamond Drill Log

Comprehensive Report for Hole:

DNE-101

Hole No.:	DNE-101	***Depth:***	143.00 m	***Horizontal Length:***	0.00 m	***Project:***	1710

Location Data:

Property:	Selwyn Project	***Claim Name:***	NOD 43
Mining District:	Selwyn Basin	***Grant Number:***	YB49407
Province/Territory:	Yukon		

UTM Co-Ordinates & Altitude of Drill Hole Collar:

UTM Easting:	479653.97 m	***True Azimuth:***	216.0 º	***UTM Datum:***	NAD 83
UTM Northing:	6932749.67 m	***Hole Angle:***	-84.0 º	***UTM Grid Zone:***	9
Elevation (m):	1161.69 m	***NTS Name:***	No Title	***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:	276.0 º		

Dimond Drilling Contract:

Drilled By:	CYR-01	***Date Drilling Start:***	12-May-14	***Date Finish:***	15-May-14

Diamond Drill Core:

Logged By:	K. Paterson	***Date Logging Start:***	14-May-14	***Date Finish:***	15-May-14

Legend for Core Logging Codes: PAX

Core Size:	NQ3	***Cemented:***	No
Casing Depth:	2.20 m	***Casing Pulled:***	Yes
Water Depth:	0.00 m	***Overburden Depth:***	2.20 m

Level:	***Section:***	***Drift:***

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Survey Data for Hole

DNE-101

Hole Comments:

Tue, May 13 ---DS: Shut DNE-100 @ , repositioned drill on same pad to drill DNE-101 to drill to the south. Drill was re-leveled several times due to muddy pad. NS: Reamed 9-35m, faulted ground. Reached 35m depth

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Wed, May 14 --- DS: Faulted sandy ground, reamed and conditioned hole 35-59m, 59-65m continued to be blocky. NS: continued in faulted ground, ACTM drilled from ~65-97m. Lost water @ 72.2-73.6m, made water from 76-83m.

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Thu, May 15 ---DS: Faulted sandy ground between 122-125m, reached 140m. NS: EOH at 143m in CCMS. Shut down completed during shift, ready for move to XY in the morning.

Depth	*Dip*	*Azimuth*
0.00	-84.0	216.0
20.00	-83.9	214.1
50.00	-83.9	210.7
104.00	-83.6	212.0
137.00	-83.9	213.1

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Hole Number:
DNE-101

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From (m)	To (m)	Rocktype & Description
0.00	**2.20**	**OVBR**
		No Recovery, assumed overburden unable to be cored.
2.20	**61.80**	**USMS**
		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% »,
		Does not have characteristic 'delicious siliceous' appearance (lack of highly contorted chert beds and calcite veins)
		« 2.80- 9.90 Medium to light grey finely (mm-5mm) laminated calcareous limestone. Laminations are moderately distorted, undulating to rarely tightly folded. Near termination of limestone weak orientation of laminations at 55 TCA. Gradational upper contact, irregular lower contact. »*
		‹ @ 9.70 S? = 55 . Regular calcite laminations (weakly distorted) 55° ›*
		‹ @ 9.80 1cm wide dirty white to grey calcite vein bearing angular clots of sphalerite up to 5mm, and mm scale slivers and seams of galena. Overall mineral concentration is trace. 15° ›
		« 19.00- 21.10 FLT Moderately broken with minor rubbly/pebbly sections. Fractures generally at low to intermediate angles TCA with trace gouge and rare lustrous graphitic fracture surfaces. Overall 50% itco (intact core), 35% brco, 10%bx, 5% gg. Little core loss. »
		« 21.60- 25.00 FLT Moderately to strongly fractured, ~50% of fracture surfaces are lustrous graphite+slickensides. 30% itco, 50% brco, 15% bx, 5% gg. Minor clots of pyrite not observed in surrounding wallrock, minor to moderate core loss, minor vuggy weathering. »

Sample ID	From (m)	To (m)	Width (m)	Pb (%)	Zn (%)	Ag (ppm)	Cd (ppm)	Pb% / Zn%
E6616151	50.00	59.00	9.00	0.01	0.04	1.25	1.25	0.25
E6616152	59.00	60.80	1.80	0.01	0.04	1.25	1.25	0.16
E6616153	60.80	61.80	1.00	0.01	0.02	1.25	1.25	0.74

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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%
		« 26.00- 31.00 FLT Moderately to highly fractured at low angles to core axis. ~20% of fracture surfaces lustrous graphite. Overall 20% itco, 60% brco, 15% bx, 5% gg. Gouge is weakly calcitic although could be vein contamination/mechanical calcite flour. »									
		« 32.00- 61.80 FLT Intensely faulted zone directly above ACTM (and continuing through top of ACTM to 76m). Significant core loss across all runs (nearly 100% core loss from 53-59m, likely fault core). Several 10-30cm sections of rehealed fault breccia, 30% of fracture surfaces are lustrous graphite with slickensides, trace vuggy weathering of calcite veins. Mudstone continues through fault zone, interspersed with sections up to 30cm in length of well faceted med-crs grained calcite (concretions?) Of core that remains, 50% itco, 30% brco, 15% bx, 5% gg, although assume loss of gouge is significant. »									
61.80	**98.40**	**ACTM**	E6616154	61.80	63.50	1.70	0.51	6.70	5.00	199.00	0.08
		ACTM – Active Member	E6616155	63.50	65.00	1.50	0.16	0.62	1.25	18.60	0.25
			E6616156	65.00	65.90	0.90	1.74	4.74	1.25	144.00	0.37
		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.	E6616157	65.90	67.30	1.40	1.92	6.79	1.25	195.00	0.28
			E6616158	67.30	68.30	1.00	1.58	10.60	2.60	275.00	0.15
			E6616159	68.30	69.30	1.00	0.78	8.36	1.25	209.00	0.09
			E6616160	69.30	72.00	2.70	1.19	7.32	1.25	272.00	0.16
			E6616161	69.30	72.00	2.70	1.15	7.81	1.25	307.00	0.15
			E6616162	72.00	74.00	2.00	0.71	4.40	1.25	186.00	0.16
		==========	E6616163	74.00	75.90	1.90	0.38	2.55	1.25	71.20	0.15
		The ACTM has 8 different facies:	E6616164	75.90	76.50	0.60	1.78	6.16	1.25	208.00	0.29

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From (m)	To (m)	Rocktype & Description
		==========
		- *GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.*
		- *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.*
		- *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.*
		- *CHERTY MUDSTONE FACIES: Consists of a greyish black monotonous siliceous, carbonaceous mudstone. It is most typically found overlying the thin bedded calcareous mudstone facies.*
		- *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.*
		- *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.*
		- *GRADED LIMESTONE FACIES: Is a laminated argillaceous limestone with*

Sample ID	From (m)	To (m)	Width (m)	Pb (%)	Zn (%)	Ag (ppm)	Cd (ppm)	Pb% / Zn%
E6616165	76.50	77.60	1.10	0.06	0.12	1.25	1.25	0.49
E6616166	77.60	78.30	0.70	3.89	8.41	1.25	283.00	0.46
E6616167	78.30	79.20	0.90	1.14	5.37	1.25	182.00	0.21
E6616168	79.20	79.60	0.40	4.87	16.10	3.40	420.00	0.30
E6616169	79.60	80.10	0.50	2.10	11.60	2.70	331.00	0.18
E6616170	80.10	80.10	0.00	0.00	0.01	1.25	1.25	0.23
E6616171	80.10	80.70	0.60	3.12	4.97	1.25	166.00	0.63
E6616172	80.70	81.40	0.70	0.88	4.25	1.25	113.00	0.21
E6616173	81.40	82.10	0.70	2.59	7.17	1.25	220.00	0.36
E6616174	82.10	83.10	1.00	1.10	3.24	1.25	107.00	0.34
E6616175	83.10	83.60	0.50	1.31	5.42	1.25	159.00	0.24
E6616176	83.60	84.60	1.00	0.57	2.31	1.25	63.30	0.25
E6616177	84.60	85.60	1.00	0.12	0.38	1.25	13.30	0.33
E6616178	85.60	86.60	1.00	0.02	0.04	1.25	1.25	0.56
E6616179	86.60	88.00	1.40	0.05	0.12	1.25	6.30	0.42
E6616180	88.00	88.00	0.00	5.96	6.91	69.40	202.00	0.86
E6616181	88.00	89.50	1.50	0.01	0.02	1.25	1.25	0.33
E6616182	89.50	91.00	1.50	0.02	0.38	1.25	35.90	0.05
E6616183	91.00	92.50	1.50	0.00	0.07	1.25	5.70	0.04
E6616184	92.50	94.00	1.50	0.01	0.06	1.25	5.00	0.20
E6616185	94.00	96.30	2.30	0.02	0.51	2.60	47.20	0.04
E6616186	96.30	97.70	1.40	0.00	0.01	1.25	1.25	0.63
E6616187	97.70	98.40	0.70	0.00	0.00	1.25	1.25	2.16

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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%

intercalated carbonaceous limestone laminae. The main rock type in the facies is laminated limestone with laminae up to 0.1-7mm thick.

- 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.

- 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.

« 61.80- 76.00 FLT Faulting continues through top of ACTM, for descriptions of broken core/core loss see below. »

« 61.80- 63.50 MODERATE GRADE. Faults into this unit. Upper contact is graphitic shear surface with slickendsides. Lithology is black siliceous mudstone with 5-10cm broken pieces of highly distorted mineralized laminations, interspersed with non foliated barren mudstone. Both lithologies display lustrous graphitic fracture surfaces w/ slicks. Fracturing and core loss prevent meaningful determination of lithology with little consistancy between pieces of core that don't fit together. Less than 50% recovery, 50% itco, 50% brco, very little gouge (likely all washed away). »

« 63.50- 65.00 TRACE GRADE. Medium grey calcareous mudstone. Microfractured with significant calcite infill. Grade driven by mm-5mm wide galena seams within calcite veins and 'gritty coating' (mechanically induced) of galena on surface of core. Less than 50% recovery. »

« 65.00- 65.90 MODERATE GRADE. Black siliceous mudstone with grey chert laminations, highly distorted and truncated by fluid escape structures with galena seams 5mm-1cm wide, highly broken up with less than 30% recovery,

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terminating in ~10cm wide light grey limestone concretion »

« 65.90- 67.30 HIGH GRADE. Black to dark grey siliceous mudstone. Initiates as very finely laminated black mudstone with greenish/beige resinous sphalerite rich laminations with 5mm thick galena seam as upper contact with limestone above. Likely core loss here, as there is no transition between this black mudstone and grey siliceous non-laminated mudstone observed from 66.5-67.3m (~20cm recovered from this interval) mm-8mm scale fluid escape structures are abundant throughout with seams and blebs of galena. »

« 67.30- 69.30 MODERATE GRADE. Black siliceous mudstone, well developed but highly distorted mineralized laminations. Increase in white contorted to crackle calcite veining. Cm-5cm scale calcitic/limestone concretions are the only thing preventing this from being a high grade section. Trace mm scale fluid escape structures bearing fine galena blebs. Less core loss (70-80% recovery) than previous runs/intervals. »

« 69.30- 72.00 TRACE GRADE. Very rubbly/blocky, core pieces often do not match. (4 rod pulls over interval). Lithology is dominantly non-foliated siliceous mudstone with grey round calcareous concretions. Grade driven by several galena stringers within rubble pieces. »

« 72.00- 75.90 BARREN. Light grey fine grained limestone. Initiates as calcite healed fault breccia for ~30cm. Very broken up, 40% core recovery. Minor mudstone pieces in breccia/rubble piles. »

« 75.90- 76.50 LOW-MODERATE GRADE. Thin (submm) to thick (cm-2cm) black and grey laminated mudstone. Grey laminations have a calcareous component to 76.2m, then siliceous. Laminations are very weakly distorted (more or less planar) but disrupted/displaced by fluid escape structures by up to 1cm with mm-5mm scale galena blebs and seams. »

« 76.50- 77.60 BARREN. Light-medium grey limestone. »

« 77.60- 78.30 HIGH GRADE. Black to grey very finely laminated

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mudstone with calcareous laminations. Beige to grey laminations with resinous lustre (sphalerite rich), moderately distorted and displaced laminations by fluid escape structures +/-galena seams. One 5mm-cm thick galena seam (80%GL) bearing mm scale black angular wallrock clasts. »

« 78.30- 79.20 LOW TO MODERATE GRADE. Black and grey mudstone with calcareous laminations. Less distortion and increase in calcite content (than last interval, and compared to resinous laminations) Trace fluid escape structures (mm scale) with minor galena blebs. »

« 79.20- 80.10 HIGH GRADE. Black-browny green very well laminated calcareous mudstone. Initital 20cm appears nearly semi-massive sulphide with bands/thick seams up to 1cm wide of galena bounding upper and lower contacts. Very finely distorted and displaced calcareous laminated mudstone continues below with lustrous laminations and mm-cm scale fluid escape structures bearing galena blebs and seams. »

« 80.10- 80.70 MODERATE-HIGH GRADE. Variable thickness of laminations within medium grey siliceous mudstone. Does not have very fine, consistent laminations usually associated with high grade sections, but mm scale galena rich fluid escape structures and fine disseminations of galena in wallrock (observed on broken surface) suggest significant mineralizations. Unit also bears limestone concretions up to 15cm wide. »

« 80.70- 82.10 LOW TO MODERATE GRADE. Grey to black finely laminated siliceous mudstone with wider spaced laminations that bear more calcite than last interval. Minor mm-5mm scale fluid escape strucutures with minor seams and slivers of galena. »

« 82.10- 83.10 BARREN-TRACE. Medium grey barren limestone, minor fluid escape structures over last 30cm of interval, likely initiating from mineralized mudstone below. »

« 83.10- 84.60 MODERATE GRADE. Finely laminated black to dark grey calcareous to siliceous (gradation moving downhole) mudstone. Laminations are

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		moderately distorted and deformed by galena bearing fluid escape structures and milky white calcite veins. »									
		« 84.60- 89.70 BARREN. Moderately fractured/broken up, dominantly calcareous non-laminated mudstone, with minor portions of siliceous mudstone and massive to bedded light to medium grey limestone. »									
		« 89.70- 96.30 BARREN. Black-dark grey, dominantly limey mudstone with minor sections of siliceous mudstone. Increase in distorted to anamastosing calcite veining (compared to last interval). Minor black jagged cross cutting features similar to those described as fluid escape structures, although no visible sulphides observed, and are weathering out (carbonaceous material?) »									
		« 96.30- 98.40 BARREN. Light grey highly calcareous limestone (Basal Limestone) with minor white calcite veining. Mudstone section present from 97.7 - 98.3m similar in apperarance to below. Unit terminates in 5cm of grey limestone (similar to Basal) and 5cm of finely laminated and distorted pyrite bands ('last gasp' of mineralization) »									
98.40	**143.00**	**CCMS**	E6616188	98.40	99.90	1.50	0.01	0.00	1.25	1.25	4.34
		CCMS – Calcareous Mudstone	E6616189	99.90	101.40	1.50	0.03	0.01	1.25	1.25	3.74
		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									

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		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 »,									
		‹ @ 111.00 Sn = 70, pyrite laminations. ›*									
		« 124.00- 129.00 FLT. Broken to rubbly to gougey, partially healed? or fault zone exploited by quartz+very minor calcite veining. »									
		« 135.30- 136.00 FLT. 60% bx, 40% gg, not a large fracture surrounding this gouge zone (localized) »									
143.00	**143.00**	**EOH**									