

Hole No.: HCE-045	Depth: 111.00 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	NOD 28
Mining District:	Selwyn Basin	Grant Number:	YB49392
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	482959.78 m	True Azimuth:	18.0 °
UTM Northing:	6931106.55 m	Hole Angle:	-69.0 °
Elevation (m):	1216.44 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:	65.0 °		
Dimond Drilling Contract:			
Drilled By:	NL-03	Date Drilling Start:	18-Jul-15
		Date Finish:	21-Jul-15
Diamond Drill Core:			
Logged By:	EH	Date Logging Start:	21-Jul-15
		Date Finish:	23-Jul-15
Legend for Core Logging Codes: PAX			
Core Size:	HQ3	Cemented:	No
Casing Depth:	15.60 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	15.60 m
Level:		Section:	
		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

HCE-045

Hole Comments:

Sat, Jul 18 --- DS: Drilled from 239 to 245.2m and completed HCE-044. Survey at 201m. Pull out, spin drill around setup for HCE-813 (HCE-045), set anchor at 9m and set up trash pump. NS: Standby for drill motor issues, steel filings pouring out.

Sun, Jul 19 --- DS: Repairing diesel motor. Tyler and Tom moving NQ rods to km14 staging point. NS: Shut down while welding sets

Mon, Jul 20 --- DS: Drilled from 21-30m. Down for motor repairs. Install repaired motor, ream casing down to bed rock, casing very tight and slow going. NS: Drilled from 30-102m. Survey at 30m, 54m, 102m. Current lithology unknown as core still at drill.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-69.0	18.0
30.00	-68.8	20.5
54.00	-68.4	22.4
102.00	-66.8	25.4

Selwyn Project Diamond Drill Log

Hole Number:
HCE-045

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	15.60	OVBR									
<p>« 0.00- 7.50 No core was recovered »</p> <p>« 7.50- 15.00 Allochthonous sediment »</p> <p>« 15.00- 15.60 Autochthonous sediment »</p>											
15.60	78.30	ACTM	E5574360	15.60	19.70	4.10					
ACTM – Active Member			E5574361	19.70	20.30	0.60					
<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> <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>			E5574362	20.30	21.70	1.40					
			E5574363	21.70	23.20	1.50					
			E5574364	23.20	24.10	0.90					
			E5574365	24.10	25.10	1.00					
			E5574366	25.10	26.20	1.10					
			E5574367	26.20	27.10	0.90					
			E5574368	27.10	28.00	0.90					
			E5574369	28.00	29.20	1.20					
			E5574370	29.20	30.40	1.20					
			E5574371	29.20	30.40	1.20					
			E5574372	30.40	30.90	0.50					
			E5574373	30.90	31.90	1.00					
			E5574374	31.90	32.90	1.00					
			E5574375	32.90	33.90	1.00					
			E5574376	33.90	34.90	1.00					
			E5574377	34.90	35.90	1.00					
			E5574378	35.90	36.90	1.00					
			E5574379	36.90	37.90	1.00					
			E5574380	37.90	37.90	0.00					
			E5574381	37.90	38.90	1.00					
			E5574382	38.90	39.90	1.00					
			E5574383	39.90	40.90	1.00					
			E5574384	40.90	41.60	0.70					
			E5574385	41.60	42.10	0.50					
			E5574386	42.10	43.10	1.00					
			E5574387	43.10	44.10	1.00					

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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>CHERTY MUDSTONE FACIES: Consists of a greyish black monotonous siliceous, carbonaceous mudstone. It is most typically found overlying the thin bedded calcareous mudstone facies.</i></p> <p>- <i>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.</i></p> <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>« 15.60- 23.20 3.60% Zn and 0.76% Pb ON AVERAGE BY NITON. Weathered, broken, leached, all mixed fault breccia, with barite alteration, « FLT » with core loss; minor fault gouge; rubble; no cohesive strength, with high Zn</p>			E5574388	44.10	45.10	1.00					
			E5574389	45.10	45.60	0.50					
			E5574390	45.60	45.60	0.00					
			E5574391	45.60	46.30	0.70					
			E5574392	46.30	46.80	0.50					
			E5574393	46.80	48.00	1.20					
			E5574394	48.00	48.60	0.60					
			E5574395	48.60	49.40	0.80					
			E5574396	49.40	50.00	0.60					
			E5574397	50.00	50.60	0.60					
			E5574398	50.60	51.10	0.50					
			E5574399	51.10	52.10	1.00					
			E5574400	52.10	53.10	1.00					
			E5574401	52.10	53.10	1.00					
			E5574402	53.10	54.10	1.00					
			E5574403	54.10	55.20	1.10					
			E5574404	55.20	55.90	0.70					
			E5574405	55.90	56.90	1.00					
			E5574406	56.90	57.90	1.00					
			E5574407	57.90	58.60	0.70					
			E5574408	58.60	59.10	0.50					
			E5574409	59.10	59.60	0.50					
			E5574410	59.60	59.60	0.00					
			E5574411	59.60	60.20	0.60					
			E5574412	60.20	61.10	0.90					
			E5574413	61.10	61.60	0.50					
			E5574414	61.60	62.60	1.00					
			E5574415	62.60	63.10	0.50					
			E5574416	63.10	64.00	0.90					
			E5574417	64.00	65.00	1.00					
			E5574418	65.00	65.60	0.60					
			E5574419	65.60	66.70	1.10					
			E5574420	66.70	66.70	0.00					

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		<i>fragments »</i>	E5574421	66.70	67.90	1.20					
			E5574422	67.90	69.10	1.20					
		« 23.20- 26.20 0.34% Zn and 0.1% Pb ON AVERAGE BY NITON. Unaltered	E5574423	69.10	70.30	1.20					
		<i>sparry limestone, brecciated, veined, without much visible Zn mineralization</i>	E5574424	70.30	70.70	0.40					
		»	E5574425	70.70	71.10	0.40					
			E5574426	71.10	72.00	0.90					
		« 26.20- 27.10 BARREN. Silicified carbonaceous mudstone cut by calcite	E5574427	72.00	72.80	0.80					
		<i>veins, lacking laminations and mineralization »</i>	E5574428	72.80	73.60	0.80					
			E5574429	73.60	74.50	0.90					
		« 27.10- 28.00 0% Zn and 0.2% Pb ON AVERAGE BY NITON. Pyritized	E5574430	74.50	75.00	0.50					
		<i>deformed sparry limestone, with weak Pb mineralization associated with pyrite</i>	E5574431	74.50	75.00	0.50					
		»	E5574432	75.00	76.30	1.30					
			E5574433	76.30	77.30	1.00					
		« 28.00- 30.40 0.015% Zn and 0.15% Pb ON AVERAGE BY NITON. Massive	E5574434	77.30	78.30	1.00					
		<i>mudstone without alteration, lacking laminations, not seen mineralization »</i>									
		« 30.40- 30.90 8.40% Zn and 1.88% Pb ON AVERAGE BY NITON. Silica									
		<i>flooded, Sedex Zn mineralized mudstone overprinted and replaced by barite Zn</i>									
		<i>veinlets with helicitic structures »</i>									
		« 30.90- 41.60 0.5% Zn and 0.02% Pb ON AVERAGE BY NITON. Barren, shear									
		<i>sense deformed, foliated, micritic limestone with some sparry limestone »</i>									
		« 41.60- 45.10 2.9% Zn and 0.49% Pb ON AVERAGE BY NITON. Moderately									
		<i>silicified sparry limestone with disseminated and laminated Zn, the</i>									
		<i>carbonaceous is common »</i>									
		« 45.10- 50.60 9.60% Zn and 1.75% Pb ON AVERAGE BY NITON. Sedex ore									
		<i>with sphalerite and galena in cleavages/foliations and crenulations, extremely</i>									
		<i>silicified »</i>									
		« 50.60- 52.10 1.94% Zn and 0.36% Pb ON AVERAGE BY NITON. Unaltered									
		<i>sparry limestone with localized Zn laminations and disseminations, locally</i>									
		<i>silicified; mineralization is patchy »</i>									

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	52.10- 55.20	4.24% Zn and 0.61% Pb ON AVERAGE BY NITON. Silicified sparry limestone and mudstone, extremely patchy mineralization in wide-spaced laminations »									
	55.20- 57.90	0.125% Zn and 0.1% Pb ON AVERAGE BY NITON. Weakly altered sparry limestone, no laminations; no mineralization, massive »									
	57.90- 58.60	1.22% Zn and 0.78% Pb ON AVERAGE BY NITON. Deformed fault breccia, barite altered, mylonitized, veined, locally with high Zn lamina »									
	58.60- 59.10	1.07% Zn and 0.44% Pb ON AVERAGE BY NITON. Mylonite with fish-shaped structures, shear sense deformation »									
	59.10- 59.60	6.93% Zn and 1.59% Pb ON AVERAGE BY NITON. Highly silica flooded, ductile deformed Sedex ore »									
	59.60- 60.20	4.57% Zn and 0.43% Pb ON AVERAGE BY NITON. Silicified mylonite with high grade Zn fragments »									
	60.20- 61.10	0.26% Zn and 0.026% Pb ON AVERAGE BY NITON. Massive limestone sitting on massive mudstone without visible mineralization »									
	61.10- 62.60	4.6% Zn and 0.83% Pb ON AVERAGE BY NITON. Finely laminated sparry limestone with strong Sedex Zn mineralization, highly silica flooded, with some carbonaceous substance»									
	62.60- 63.10	0.84% Zn and 0.03% Pb ON AVERAGE BY NITON. Micritic limestone with patchy Zn mineralization »									
	63.10- 65.00	2.10% Zn and 0.35% Pb ON AVERAGE BY NITON. Weakly to moderately silicified laminated sparry limestone »									
	65.00- 65.60	0.73% Zn and 0.07% Pb ON AVERAGE BY NITON. Silicified mudstone with localized Zn lamina; mineralization is non-uniform »									

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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%
		« 65.66- 66.70 0.38% Zn and 0.59% Pb ON AVERAE BY NITON. Sparry limestone with Zn seams and stylolites »									
		« 66.70- 67.90 1.35% Zn and 0.43% Pb ON AVERAGE BY NITON. Sparry limestone mixed with mudstone; mineralization in the contact between them »									
		« 67.90- 70.30 0.23% Zn and 0.03% Pb ON AVERAGE BY NITON. Altered sparry limestone weakly Zn mineralized »									
		« 70.30- 70.70 0.64% Zn and 0.14% Pb ON AVERAGE BY NITON. Massive carbonaceous mudstone without much visible mineralization »									
		« 70.70- 71.10 0.1% Zn and 0.0% Pb BY NITON. Veined sparry limestone with some micritic limestone »									
		« 71.10- 72.80 0.66% Zn and 0.06% Pb BY NITON. FLT with fault gouge; non cohesive strength; graphitic slickensides; parallel with S1=78° TCA; weakly barite altered »									
		« 72.80- 75.00 0.5% Zn and 0.01% Pb BY NITON. FLT , low cohesive strength; not parallel with S1; mylonite; barite altered »									
		« 75.00- 76.30 0.023% Zn and 0.0% Pb BY NITON. USMS style lithology without visible Zn mineralization »									
		« 76.30- 78.30 0.0% Zn and 0.0% Pb BY NITON. Calcite veined basal micritic limestone »									
78.30	111.00	CCMS	E5574435	78.30	79.30	1.00					
		CCMS – Calcareous Mudstone	E5574436	79.30	80.60	1.30					
		Massive, calcareous, carbonaceous, dark grey mudstone. Most of the member is									

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		<p>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).</p> <p>« lm ca 5.00-10.00mm », « nodules py -3.00% 2.00-20.00mm »,</p> <p>« @ 86.20 Cleavages $a=31^{\circ}$ TCA; CCMS is structurally not as deformed as USMS, mainly in foliation cleavage domain »</p> <p>« @ 94.60 Pyrite calcite band $a=37^{\circ}$ TCA »</p> <p>« @ 96.30 Graphitic slickenside $a=39^{\circ}$ TCA »</p> <p>« @ 107.00 Foliation = 41° TCA cut by cleavages = 55° TCA; angle between them is 88° »</p> <p>« 101.90- 111.00 FLT with minor fault gouge, broken cores; controlled by foliation cleavage domain »</p>									
111.00	111.00	EOH									