

<b>Hole No.:</b> HCE-058	<b>Depth:</b> 141.00 m	<b>Horizontal Length:</b> 0.00 m	<b>Project:</b> 1710
<b>Location Data:</b>			
<b>Property:</b>	Selwyn Project	<b>Claim Name:</b>	NOD 28
<b>Mining District:</b>	Selwyn Basin	<b>Grant Number:</b>	YB49392
<b>Province/Territory:</b>	Yukon		
<b>UTM Co-Ordinates &amp; Altitude of Drill Hole Collar:</b>			
<b>UTM Easting:</b>	482698.32 m	<b>True Azimuth:</b>	4.5 °
<b>UTM Northing:</b>	6931175.02 m	<b>Hole Angle:</b>	-65.0 °
<b>Elevation (m):</b>	1197.17 m	<b>NTS Name:</b>	No Title
		<b>UTM Datum:</b>	NAD 83
		<b>UTM Grid Zone:</b>	9
		<b>NTS Number:</b>	105I11
<b>Grid Co-Ordinates of Drill Hole Collar:</b>			
<b>Grid Easting (m):</b>	0.00 m	<b>Grid Name:</b>	HP 06
<b>Grid Northing (m):</b>	0.00 m	<b>Grid Type:</b>	100m
<b>Grid Azimuth:</b>	65.0 °		
<b>Dimond Drilling Contract:</b>			
<b>Drilled By:</b>	CYR-01	<b>Date Drilling Start:</b>	27-Aug-15
		<b>Date Finish:</b>	29-Aug-15
<b>Diamond Drill Core:</b>			
<b>Logged By:</b>	EH	<b>Date Logging Start:</b>	31-Aug-15
		<b>Date Finish:</b>	03-Sep-15
<b>Legend for Core Logging Codes:</b> PAX			
<b>Core Size:</b>	NQ3	<b>Cemented:</b>	No
<b>Casing Depth:</b>	15.00 m	<b>Casing Pulled:</b>	Yes
<b>Water Depth:</b>	0.00 m	<b>Overburden Depth:</b>	15.00 m
<b>Level:</b>		<b>Section:</b>	
		<b>Drift:</b>	

# Selwyn Project

## Diamond Drill Log

### Survey Data for Hole

# HCE-058

#### **Hole Comments:**

Thu, Aug 27 --- DS: Drilled 15m down to 102m total depth. Shut down at 102.0m in CCMS. ACTM intersection was correct yesterday at 18.0m-82.0m. Tore rig down moved to pad HCE-826 to drill HCE-058. NSL Had problems with clay faults from 15m-18m, washed away most of core, had to ream in a few different places from 15-30m. Broken up and blocky all night. Set casing to 12m and drilled down to 33m depth. Current lithology unknown as core is still at drill

Fri, Aug 28 --- DS: Drilled 81m down to 114.0m depth. Tooke reflexes at 51m and 114m. Pulled rods and lowered to change bit at 63.0m, minor conditioning of hole. Intersected ACTM from 42.3m to 114m, still in at shift change but appeared to be getting into basal limestone. Was too late to fly any core again after crew change and a few more runs. NS: Drilled 27.0m down to 141.0m as requested. Took reflex at 141.0m, pulled rods and left casing in. Basal limestone continued to 117.0m, shut down at 141.0m in CCMS

Sat, Aug 29 ---

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-65.0	4.5
24.00	-65.0	4.7
54.00	-64.9	5.0
114.00	-64.1	6.3
141.00	-64.0	7.5

# Selwyn Project Diamond Drill Log

Hole Number:  
**HCE-058**

**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	15.00	OVBR									
« 0.00- 12.00 « OVBR but without core recovered» » « 12.00- 15.00 Polymicritic allochthonous pebbles »											
15.00	116.30	ACTM	E5576110	15.00	19.00	4.00					
ACTM – Active Member			E5576111	19.00	20.30	1.30					
			E5576112	20.30	21.80	1.50					
			E5576113	21.80	23.50	1.70					
			E5576114	23.50	24.80	1.30					
			E5576115	24.80	26.00	1.20					
			E5576116	26.00	27.00	1.00					
			E5576117	27.00	30.00	3.00					
			E5576118	30.00	33.00	3.00					
			E5576119	33.00	39.00	6.00					
			E5576120	39.00	42.10	3.10					
			E5576121	39.00	42.10	3.10					
			E5576122	42.10	43.20	1.10					
			E5576123	43.20	44.00	0.80					
			E5576124	44.00	45.00	1.00					
			E5576125	45.00	45.50	0.50					
			E5576126	45.50	46.50	1.00					
			E5576127	46.50	49.30	2.80					
			E5576128	49.30	51.00	1.70					
			E5576129	51.00	52.00	1.00					
			E5576130	52.00	52.00	0.00					
			E5576131	52.00	53.00	1.00					
			E5576132	53.00	54.00	1.00					
			E5576133	54.00	54.80	0.80					
			E5576134	54.80	55.80	1.00					
			E5576135	55.80	56.80	1.00					
			E5576136	56.80	57.80	1.00					
			E5576137	57.80	58.80	1.00					
			E5576138	58.80	60.00	1.20					
			E5576139	60.00	60.60	0.60					
			E5576140	60.60	60.60	0.00					

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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%
		<i>calcareous mudstone facies.</i>	E5576141	60.60	61.60	1.00					
			E5576142	61.60	62.60	1.00					
		<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>	E5576143	62.60	63.60	1.00					
			E5576144	63.60	64.60	1.00					
			E5576145	64.60	65.60	1.00					
			E5576146	65.60	66.30	0.70					
			E5576147	66.30	67.00	0.70					
		<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>	E5576148	67.00	68.00	1.00					
			E5576149	68.00	69.00	1.00					
			E5576150	69.00	70.00	1.00					
			E5576151	69.00	70.00	1.00					
			E5576152	70.00	71.00	1.00					
		<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>	E5576153	71.00	72.00	1.00					
			E5576154	72.00	72.70	0.70					
			E5576155	72.70	73.20	0.50					
			E5576156	73.20	74.20	1.00					
		<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>	E5576157	74.20	75.00	0.80					
			E5576158	75.00	76.00	1.00					
			E5576159	76.00	77.00	1.00					
			E5576160	77.00	77.00	0.00					
		<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>	E5576161	77.00	77.90	0.90					
			E5576162	77.90	78.60	0.70					
			E5576163	78.60	79.50	0.90					
			E5576164	79.50	80.70	1.20					
			E5576165	80.70	81.70	1.00					
			E5576166	81.70	82.20	0.50					
			E5576167	82.20	82.60	0.40					
		<i>« 15.00- 42.10 FLT with fault gouge; rubble; no cohesive strength; much core loss; superimposed by supergene weathering; so broken tht all fine material was washed away; locally with high Zn fragments, polycrystic fragmetns; barite altered, minor hemimorphite »</i>	E5576168	82.60	83.60	1.00					
			E5576169	83.60	84.60	1.00					
			E5576170	84.60	84.60	0.00					
			E5576171	84.60	85.00	0.40					
		<i>« 42.10- 43.20 LOW TO MODERATE GRADE. Disseminated Zn in calcite veined, unaltered micritic limestone »</i>	E5576172	85.00	86.00	1.00					
			E5576173	86.00	87.00	1.00					

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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%
« 43.20- 45.00 MODERTE TO HIGH GRADE. Core broken; Sedex Zn laminae in silica flooded sparry limestone, graphitic slickensides »			E5576174	87.00	87.80	0.80					
« 45.00- 46.50 TRACE TO LOW GRADE. Minor disseminated Zn in foliated micritic limestone, ductile deformed »			E5576175	87.80	88.60	0.80					
« 46.50- 49.30 MODERATE TO HIGH GRADE. FLT with fault gouge and fault breccia; with high Zn fragments; strongly barite altered, with a little galena »			E5576176	88.60	89.30	0.70					
« 49.30- 54.80 LOW TO MODERATE GRADE. Strongly barite calcite veined, crackled FLT breccia; clast supported; locally silicified; Sedex Zn present in clasts, but in the matrix ground mass; quite vuggy; drusy crystals of calcite and barite »			E5576177	89.30	90.00	0.70					
« 54.80- 56.80 TRACE. Crackled, calcite veined micritic limestone, vuggy, drusy crystals of cacilte and barite »			E5576178	90.00	90.80	0.80					
« 56.80- 60.60 LOW TO MODERATE GRADE. Deformed structural / sedimentary melange of micritic and sparry limestone and black mudstone with Sedex laminae »			E5576179	90.80	91.70	0.90					
« 60.60- 62.60 TRACE. Massive sparry limestone »			E5576180	91.70	93.00	1.30					
« 62.60- 66.30 TRACE. Silicified melange of sparry and micritic limestone, and mudstone »			E5576181	91.70	93.00	1.30					
« 66.30- 72.70 TRACE. Locally with minor Zn in massive sparry/micritic limestone »			E5576182	93.00	93.90	0.90					
« 72.70- 73.20 MODERATE GRADE. Deformed Sedex laminated micritic limestone, silicified »			E5576183	93.90	94.40	0.50					
« 73.20- 74.20 HIGH GRADE. Brecciated Sedex Zn-Pb ore with recrystallized sphalerite and galena filling in foliations/water escape structures, mylonitized »			E5576184	94.40	94.90	0.50					
« 74.20- 75.00 MODERATE TO HIGH GRADE. Locally brecciated silica flooded micritic / sparry limestone and mudstone with Sedex Zn laminae, deformed »			E5576185	94.90	95.90	1.00					
« 75.00- 77.90 LOW GRADE WITH LOCALLY HIGH GRADE. 5cm high Zn Sedex in mylonitized micritic limestone, locally silicified, with moderate Zn dissemination »			E5576186	95.90	97.10	1.20					
« 77.90- 80.70 MODERATE TO HIGH GRADE. Sedex Zn laminae in siliciifed melange of micritic limestone/sparry limestone, and mudstone; deformed;			E5576187	97.10	98.20	1.10					
			E5576188	98.20	99.00	0.80					
			E5576189	99.00	100.00	1.00					
			E5576190	100.00	100.00	0.00					
			E5576191	100.00	101.00	1.00					
			E5576192	101.00	102.00	1.00					
			E5576193	102.00	102.70	0.70					
			E5576194	102.70	103.10	0.40					
			E5576195	103.10	104.00	0.90					
			E5576196	104.00	105.00	1.00					
			E5576197	105.00	106.00	1.00					
			E5576198	106.00	107.00	1.00					
			E5576199	107.00	108.00	1.00					
			E5576200	108.00	108.00	0.00					
			E5576201	108.00	109.00	1.00					
			E5576202	109.00	110.00	1.00					
			E5576203	110.00	111.00	1.00					
			E5576204	111.00	112.00	1.00					
			E5576205	112.00	113.40	1.40					
			E5576206	113.40	114.40	1.00					
			E5576207	114.40	115.40	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%
		dissemination Zn present in massive, chemical deposited limestone »	E5576208	115.40	116.30	0.90					
		« 80.70- 81.70 TRACE TO LOW GRADE. Disseminated Zn in massive limestone »									
		« 81.70- 82.20 HIGH GRADE. Sedex Zn laminae in a melange of sparry limestone and carbonaceous mudstone; defomred, with galena stringers in places »									
		« 82.20- 82.60 LOW GRADE. Sedex Zn in silicified sedimentary melange of micritic limestone and mudstone »									
		« 82.60- 84.60 MODERATE GRADE. Sedex Zn laminae associated with micritic limestone which is in mudstone, deformed, with a set of nearly 90° TCA cleavages »									
		« 84.60- 87.00 TRACE TO LOW GRADE. Minor disseminated Zn in massive limestone »									
		« 87.00- 87.80 MODERATE GRADE. Sedex Zn mineralization in mudstone flanks a 5cm Sedex ore »									
		« 87.80- 88.60 TRACE. Massive mudstone black minor Zn laminae »									
		« 88.60- 89.30 MODERATE GRADE. Sedex Zn laminae in a silicified sedimentary melange of micritic limesotne and mudstone, with cursive stylolites »									
		« 89.30- 90.00 MODERATE GRADE. Wide spaced Zn laminae in massive limestone, silica flooded »									
		« 90.00- 90.80 LOW GRADE WITH LOCALIZED HIGH GRADE. Moderately silicified micritic limestone with minor Zn laminea »									
		« 90.80- 91.70 MODERATE TO HIGH GRADE. Sedex Zn laminae in silica flooded miciritic limestone with abundant water escape structures filled with sphalerite »									
		« 91.70- 93.00 TRACE. Massive limestone and massive mudstone »									
		« 93.00- 93.90 MODERATE GRADE. Sedex Zn laminae in sedimentary melange of limestone and mudstone »									
		« 93.90- 94.40 TRACE TO LOW GRADE. Wide-spaced Zn laminae in massive micritic limestone »									
		« 94.40- 95.90 LOW TO MODERATE GRADE. Slump brecciated Sedex Zn laminae in silicified sedimentary melange of micritic limesotne and mudstone »									
		« 95.90- 97.10 TRACE. Locally mylonitized massive limestone »									
		« 97.10- 102.70 TRACE TO LOCALLY LOW GRADE. Massive sedimentary melange									

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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%
		<i>of micritic and sparry limestone with low Zn, locally silicified, mylonitized, calcite veined, and stockworked »</i> <i>« 120.70- 103.10 LOW GRADE. Minor wide-spaced Zn laminae in silicified micritic limestone »</i> <i>« 103.10- 105.00 TRACE TO LOW GRADE. Faulted graphitic structural melange, mostly mudstone »</i> <i>« 105.00- 113.40 TRACE. USMS style lithology without much visible Zn mineralization »</i> <i>« 113.40- 116.30 BARREN. Unaltered brecciated veined micritic basal limestone, locally mylonitized, no alteration nor visible mineralization, shear sense deformed »</i>									
<b>116.30</b>	<b>141.00</b>	<b>CCMS</b>	E5576209	116.30	117.00	0.70					
		CCMS – Calcareous Mudstone	E5576210	117.00	118.20	1.20					
			E5576211	117.00	118.20	1.20					
			E5576212	118.20	118.20	0.00					
		<i>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).</i>  <i>« lm ca 5.00-10.00mm », « nodules py -3.00% 2.00-20.00mm »,</i>  <i>« 123.00- 126.00 High strain zone with prevailing structural orientaiton a=TCA 48°»</i> <i>« 134.10- 134.50 Mylonitized calcite vein with contact to wall rock a=TCA 42°»</i>  <i>« @ 137.60 Shear sense deformation orientation a=TCA 18° »</i> <i>« @ 140.00 Shear zone orientation a=TCA 21° »</i>									
<b>141.00</b>	<b>141.00</b>	<b>EOH</b>									