

Hole No.: HCE-054	Depth: 159.40 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	DON 114
Mining District:	Selwyn Basin	Grant Number:	Y 64979
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	484231.00 m	True Azimuth:	28.5 °
UTM Northing:	6930910.89 m	Hole Angle:	-55.0 °
Elevation (m):	1235.74 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:	90.0 °		
Dimond Drilling Contract:			
Drilled By:	CYR-01	Date Drilling Start:	16-Aug-15
		Date Finish:	18-Aug-15
Diamond Drill Core:			
Logged By:	H. Grimson	Date Logging Start:	17-Sept-15
		Date Finish:	17-Sept-15
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	6.00 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	6.00 m
Level:	Section:		Drift:

Selwyn Project

Diamond Drill Log

Survey Data for Hole

HCE-054

Hole Comments:

Sun, Aug 16 --- DS: Standby for pad to be built, standby for student tour with the 407 (the 206 was planned to do this tour but was out for the day at the Pelly), move initiated at 4:00pm. NS: Completed move, setup drill, drilled down to 18m depth and set casing down to 6m. Current lithology unknown as core is at drill.

Mon, Aug 17 --- DS: Good drilling, drilled 75m down to 93.0m depth. Took reflex tests at 21m, 51m. Minor conditioning of hole, had to pull rods as core was stuck in barrel. NS: Blocky rock all night, short runs, took reflex at 102m. Drilled 145m down to 138.0m depth. Core was observed down to 93.0m in USMS. Core will be flown to road this morning prior to drill move for NL-03 to be driven down to see if this blockiness equates to a fault that may have bypassed ACTM.

Tue, Aug 18 --- DS: Drilled 21.4m down to 159.4m total depth. Shut down hole at 159.4m in CCMS. As worried, fault bypassed ACTM. Began tear down, but were flown out prior to end of shift due to break in weather/electrical storms as pilots informed us we would be safer to get guys out while we had the chance as several storm systems were rolling in. NS: No nightshift, as no move was complete due to weather and lack of a pad to move to. Expect material to be flown to build next pad this morning, and pad complete potentially by end of day. Next pad to be built is HCE-030 to drill HCE-054.

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-55.0	28.5
21.00	-54.9	28.5
51.00	-54.7	28.7
102.00	-54.8	31.4
152.00	-54.7	32.4

Selwyn Project Diamond Drill Log

Hole Number:
HCE-054

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	6.00	OVBR casing depth; no recovery									
6.00	29.10	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 », Typical FLMD, oxidation/ orange staining along open fractures (less intense below 16m) « @ 11.30 thick "bioturbations" 0.5cm wide; typical flaggy texture runs oblique to these structures »									
29.10	128.60	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% », « 29.10- 42.20 massive carbonaceous mudstone, homogenous, lacking banding and veining (typical of upper USMS); weak oxidation along fractures above 33.1m » « 35.60- 39.90 FLT: homogenous black mudstone with fault gouge and clay filled open fractures (up to 1cm wide and dominantly oriented near-parallel TCA); local angular rubble (possibly mechanical) »									

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		<p>◁ @ 42.40 parallel bands of disseminated speckled calcite, slightly wavy and broken 22° ▷</p> <p>◁ @ 49.60 parallel cherty bands; note: orientation of bands is variable in this region though orientation tends to be at low angle TCA ▷</p> <p>« 61.70- 128.60 region consists of wavy graphitic mudstone and frequent muddy limestone intervals with characteristic radiating calcite alteration; wavy bands of very variable orientations including localized sheath folds »</p> <p>◁ @ 72.00 broken wavy chert bands and pyrite lineations <5° ▷</p> <p>◁ @ 74.00 wavy chert bands, broken pyrite lineations 40° ▷</p> <p>« 80.10- 84.30 banded mudstone with abundant pyrite speckles/clots and wavy broken lineations (wide spaced boudinage appearance- likely extensional features »</p> <p>« 89.70- 97.40 mechanical damage zone; fractures (variable alpha angles) with graphitic slickensided surfaces »</p>									
		<p>128.60 142.60 FLT</p> <p>« 128.6 - 133.0 healed breccia; calcite stockworked carbonaceous material with sheared clasts; graphitic and localized gougey sections with slatey clasts (low cohesion strength); core loss ~2.6m recovery 42°»</p> <p>« 133.00- 140.80 rubble zone; angular clasts, carbonaceous mudstone, massive and lacks (significant) veining/banding, open fractures are dominantly non-graphitic, localized compacted FLT-gg with low cohesion strength (<0.2m); 42° »</p> <p>« 140.80- 142.00 fault-gouge regionl carbonaceous gouge with coarse carbonaceous <mm fragments as well as some poorly sorted clasts (<cm-4cm), localized "intact" core with extensive microfractures with very low to no cohesive strength ± gouge separation; dominant alpha angle of 30-40°, hanging wall @40° »</p> <p>« 142.00- 142.60 jointed region with fault-gouge, very low cohesion strength- readily breaks, localized gougey carbonaceous material, joints spaced</p>									

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<0.5cm »											
142.60	159.40	CCMS									
CCMS – Calcareous Mudstone											
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 »,											
Homogenous black carbonaceous mudstone, lacks banding and graphitic open fractures (typical of 'USMS') and contains feathery calcite beds (typical of 'CCMS')											
‹ @ 142.70 common joint angle 56° ›											
‹ @ 154.20 feathery calcite beds 49° ›											
« 154.60- 157.50 jointed and fractured region with elevated graphite along fracture planes; from 154.7-156.0m: core loss (block error?) and gougey rubble, possibly mechanical »											
‹ @ 158.80 disseminated pyrite lineations, fibrous calcite 56° ›											
159.40	159.40	EOH									