

Hole No.: DNE-112	Depth: 120.00 m	Horizontal Length: 0.00 m	Project: 1710
Location Data:			
Property:	Selwyn Project	Claim Name:	NOD 39
Mining District:	Selwyn Basin	Grant Number:	YB49403
Province/Territory:	Yukon		
UTM Co-Ordinates & Altitude of Drill Hole Collar:			
UTM Easting:	479132.31 m	True Azimuth:	210.0 °
UTM Northing:	6933099.76 m	Hole Angle:	-75.0 °
Elevation (m):	1166.08 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:	270.0 °		
Dimond Drilling Contract:			
Drilled By:	NL-02	Date Drilling Start:	10-Jun-14
		Date Finish:	11-Jun-14
Diamond Drill Core:			
Logged By:	H. Grimson	Date Logging Start:	07-July-14
		Date Finish:	08-Jul-14
Legend for Core Logging Codes: PAX			
Core Size:	NQ3	Cemented:	No
Casing Depth:	24.80 m	Casing Pulled:	Yes
Water Depth:	0.00 m	Overburden Depth:	24.80 m
Level:		Section:	
		Drift:	

Selwyn Project

Diamond Drill Log

Survey Data for Hole

DNE-112

Hole Comments:

Wed, Jun 11 --- DS: DNE-110, Drilled through fault into CCMS, hole shut down at 144m. Moved to pad DNE-819 to drill DNE-112. NS: Finished set up. Tricone from 0 to 24m, faulted blocky ground. Reached 24m depth with casing.

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Thu, Jun 12 --- DS: Drilled through ACTM from 61-82m, reached 101m depth in CCMS. NS: Continued in CCMS, shut hole down at 120m. Shut down rig and relocated it to HC junction. Crew will begin fly drilling in next 2 days (starting at HCW-831).

<i>Depth</i>	<i>Dip</i>	<i>Azimuth</i>
0.00	-75.0	210.0
33.00	-78.7	213.7
51.00	-75.6	228.0
102.00	-75.2	217.2

Selwyn Project Diamond Drill Log

Hole Number:
DNE-112

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	24.80	OVBR									
24.80	47.40	USMS	E6625251	46.00	47.00	1.00	0.03	0.28	1.25	3.90	0.10
USMS – Upper Siliceous Mudstone			E6625252	47.00	47.40	0.40	0.03	0.17	1.25	1.25	0.18
<p>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% »,</p> <p>« 29.90- 36.90 FLT: intense gg region followed by calcite-vein flooding and resuling crackle brecciation, minor rubble »</p> <p>« @ 40.30 S0: chert and calcite bands 66° »</p>											
47.40	60.80	FLT	E6625253	47.40	48.40	1.00	0.01	0.06	1.25	1.25	0.18
Healed breccia: sub-rounded limestone clasts within carbonaceous-siliceous matrix followed by rubble and gg. Intact resistant limestone concretions, local pyrite-crystal breccia with clacite stringer matrix.			E6625254	48.40	50.60	2.20	0.01	0.06	1.25	1.25	0.12
			E6625255	50.60	57.00	6.40	0.03	0.26	1.25	3.50	0.11
			E6625256	57.00	58.00	1.00	0.01	0.00	1.25	1.25	2.30
			E6625257	58.00	58.50	0.50	0.01	0.02	1.25	1.25	0.37
-Egg-smell associated with HCl from ~59.0m until end of interval			E6625258	58.50	59.50	1.00	0.03	0.28	7.00	9.60	0.10
			E6625259	59.50	60.00	0.50	0.01	0.15	1.25	5.70	0.09
			E6625260	60.00	60.80	0.80	0.31	1.61	2.60	48.60	0.19
			E6625261	60.00	60.80	0.80	0.34	1.67	3.30	48.90	0.20
60.80	82.90	ACTM	E6625262	60.80	61.20	0.40	4.28	14.60	5.10	424.00	0.29
ACTM – Active Member			E6625263	61.20	61.90	0.70	2.86	8.95	1.25	235.00	0.32
			E6625264	61.90	62.50	0.60	3.45	4.44	1.25	133.00	0.78
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.			E6625265	62.50	63.30	0.80	0.10	1.01	1.25	19.90	0.10
			E6625266	63.30	64.20	0.90	0.25	0.73	1.25	17.80	0.35
			E6625267	64.20	65.10	0.90	0.11	0.88	1.25	20.00	0.12
			E6625268	65.10	65.90	0.80	1.07	4.37	1.25	124.00	0.24
			E6625269	65.90	66.70	0.80	0.03	0.75	1.25	21.60	0.04
			E6625270	66.70	66.70	0.00	0.00	0.00	1.25	1.25	0.55

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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%
=====			E6625271	66.70	67.60	0.90	0.62	0.30	1.25	9.50	2.03
		The ACTM has 8 different facies:	E6625272	67.60	68.20	0.60	0.02	0.01	1.25	1.25	3.99
=====			E6625273	68.20	68.80	0.60	0.10	0.26	1.25	7.90	0.39
			E6625274	68.80	69.80	1.00	2.05	9.87	2.60	266.00	0.21
		- GREY CHERT FACIES: Consists of laminated medium light grey to medium dark grey chert. Mineralization: 95-99% quartz and up to 5% secondary calcite.	E6625275	69.80	70.10	0.30	0.22	0.36	1.25	10.50	0.61
			E6625276	70.10	71.00	0.90	0.03	0.11	1.25	1.25	0.26
			E6625277	71.00	72.00	1.00	2.43	4.53	1.25	126.00	0.54
		- WHITISH GREY ZN-PB MUDSTONE FACIES: Is a laminated cherty rock containing up	E6625278	72.00	72.80	0.80	1.35	12.00	3.10	282.00	0.11
		to 70% sulphides. Mineralization: quartz, sphalerite and galena are the major									
		minerals with only minor amounts of pyrite and locally calcite. Sedimentary	E6625279	72.80	73.60	0.80	1.30	8.20	1.25	185.00	0.16
		diagenetic structures are common and well displayed in the facies, such as:	E6625280	73.60	73.60	0.00	5.97	6.97	70.40	184.00	0.86
		lamination, pseudo-beds, calcite nodules & limestone nodules and abundant water	E6625281	73.60	74.40	0.80	2.89	9.50	1.25	320.00	0.30
		escape structures. Most obvious structure in facies is cross-cutting veins	E6625282	74.40	75.10	0.70	5.44	13.30	4.00	505.00	0.41
		containing massive sphalerite and galena with minor pyrite. They range in width	E6625283	75.10	76.10	1.00	3.78	9.57	4.00	330.00	0.39
		from 0.5 to 10mm.	E6625284	76.10	77.10	1.00	1.43	5.62	3.10	156.00	0.25
			E6625285	77.10	77.80	0.70	0.04	0.10	1.25	2.70	0.41
			E6625286	77.80	78.30	0.50	0.04	0.03	1.25	1.25	1.48
		- THIN BEDDED CHERTY MUDSTONE FACIES: Consists of rhythmic intercalated	E6625287	78.30	79.10	0.80	0.09	0.20	1.25	17.50	0.46
		laminae of chert, carbonaceous mudstone and minor micrite. This facies contains	E6625288	79.10	80.00	0.90	0.01	0.09	1.25	8.30	0.08
		significant amounts of Zn and Pb sulphides.	E6625289	80.00	81.00	1.00	0.02	0.15	1.25	13.30	0.16
			E6625290	81.00	82.00	1.00	0.01	0.07	1.25	5.30	0.08
		- CHERTY MUDSTONE FACIES: Consists of a greyish black monotonous siliceous,	E6625291	81.00	82.00	1.00	0.01	0.09	1.25	7.10	0.07
		carbonaceous mudstone. It is most typically found overlying the thin bedded	E6625292	82.00	82.90	0.90	0.01	0.00	1.25	1.25	2.02
		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.									

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		<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>« 60.80- 61.90 MOD-HIGH GRADE, siliceous, moderately defined laminations, medium grey with pale grey bands of elevated grade with disseminated sphalerite grains. Narrow rubble zone at end of interval »</p> <p>« 61.90- 62.50 MODERATE GRADE, elevated carbon content, dark grey colour, widely spaced concentrated laminated bands, minor disseminated sphalerite grains within narrow bands, interval ends with narrow rubble+gg-zone with visible galena stringer »</p> <p>« 62.50- 63.30 BARREN graded limestone, significant calcite veining, crackle brecciation »</p> <p>« 63.30- 65.10 MODERATE GRADE, weakly calcareous/carbonaceous mudstone, frequent pale grey-brown pseudo-bands/thick mineralized laminations, micro deformation: small-scale offset along micro-fractures, local gg-zones (<20cm wide) »</p> <p>« 65.10- 65.90 MODERATE GRADE, same as above but siliceous, carbonaceous,</p>									

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		black homogenous mudstone cut by pale grey microfolded mineralized bands »									
		« 65.90- 67.60 BARREN homogenous carbonaceous mudstone, non-laminated, siliceous »									
		« 67.60- 68.80 BARREN homogenous limestone, local rubble zone »									
		« 68.80- 69.80 MODERATE-HIGH GRADE, medium grey, calcareous mudstone. Well-defined laminations are tight and parallel with small-scale offsets along microfractures+fluid escapes, galena blebs, rubble at end of interval »									
		« 69.80- 70.10 BARREN carbonaceous mudstone, calcareous, broken, homogenous, no laminations »									
		« 70.10- 71.00 BARREN limestone, fine grained and homogenous, pale grey, minor medium-grained graded limestone »									
		« 71.00- 72.00 MODERATE GRADE, dark grey with medium-pale grey bands, moderate well defined laminations, frequent small galena blebs/stringers, rubble zone at end of interval, silicious, locally weakly calcareous »									
		« 72.00- 73.60 HIGH- MODERATE GRADE, very well-defined laminations are dominantly parallel with isolated crenulations, calcareous, pale-medium grey, galena blebs »									
		« 73.60- 75.10 HIGH GRADE, pale grey, calcareous mudstone. Significant galena: infill, veinlets and well defined within laminations, sphalerite crystal formation form along lamination plane and along calcite veinlets »									
		« 75.10- 77.10 HIGH GRADE slight increase in carbon content and decrease in calcite (less calcareous), very well defined laminations with significant blocky offset along fluid escapes, medium grey, orange sphalerite crystal development within isolated fluid escape structures, pale grey pseudobeds with elevated disseminated sphalerite, local narrow rubble zones »									

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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%
		« 77.10- 78.30 Barren limestone, medium grey, calcite stockwork with minor brecciation »									
		« 78.30- 79.10 Muddy limestone with graded limestone concretions, very calcareous, barren »									
		« 79.10- 82.00 Barren carbonaceous mudstone, weakly calcareous, frequent rubble, local gg »									
		« 82.00- 82.90 Basal limestone, pale grey, finely grained »									
82.90	120.00	CCMS	E6625293	82.90	84.00	1.10	0.00	0.19	2.60	18.20	0.02
		CCMS – Calcareous Mudstone	E6625294	84.00	85.00	1.00	0.01	0.00	1.25	1.25	3.02
		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 »,									
		« 82.90- 83.70 FLT- rubble zone, sub-rounded graphitic clasts »									
		« 84.30- 95.20 Broken zone with isolated gg and rubble »									
		« @ 100.60 S1 calcite lineation 23° »									
120.00	120.00	EOH									